

***THE CANADIAN COCHRANE
NETWORK AND CENTRE***



1998 ANNUAL REPORT



The Cochrane Collaboration is an international network of individuals and institutions committed to preparing, maintaining, and disseminating systematic reviews of the effects of health care. In pursuing its aims, the Cochrane Collaboration is guided by nine principles: collaboration, building on people's existing enthusiasm and interests, minimizing duplication of effort, avoidance of bias, keeping up to date, ensuring relevance, ensuring access, continual improvement, and continuity.



TABLE OF CONTENTS

The Canadian Cochrane Report for 1998.....	1
Map of the Canadian Cochrane Network and Centre.....	3
Contributors to the Canadian Cochrane Network and Centre	4
Overview and Structure of the Canadian Cochrane Network and Centre	5
The Canadian Cochrane Network and Centre Summary Report.....	6
Reports from the Canadian Cochrane Network Sites	11
Reports from the Canadian Cochrane Affiliates, Review Groups and Fields	23
Canadian Contribution to the Cochrane Library – Reviews and Protocols.....	30
Canadian Contribution to the Database of Abstracts of Reviews of Effectiveness (DARE)	37
Canadian Contribution to the Cochrane Review Methodology Database.....	45
Canadian Contribution to Health Technology Assessment.....	48
Canadian Publications Related to Cochrane Activities	52
Cochrane Library Ordering Information.....	55

ACKNOWLEDGEMENTS

The Canadian Cochrane Network and Centre (CCN/C) gratefully acknowledges the financial support of the Conference of Deputy Ministers of Health and the Medical Research Council of Canada.

The directors and staff of the CCN/C want to express appreciation to the many volunteers who have contributed to the achievements of the Network and Centre over the past year. Without your time and effort, the achievements documented in this report would not have been possible.

THE CANADIAN COCHRANE REPORT FOR 1998

Reflections on 1998

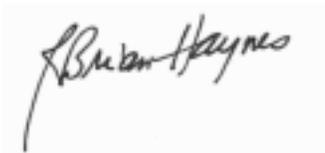
As the outgoing director of the Canadian Cochrane Centre it gives me great pride to bow out on what I consider to be a high note. The Cochrane Collaboration (CC) is maturing rapidly as an international organization with an important role to play in summarizing and transferring research on health care interventions to practitioners, patients, planners, and the public. The Canadian Cochrane Centre staff, led by Dr. Kathie Clark, and including Tom Oliver, Shari Beal and Ritz Kakuma, have become a very effective team. Their work includes an increasingly impressive portfolio of activities that support the twin missions of the Canadian Cochrane Network, namely:

- ◆ to identify and support local health care experts who wish to become involved as reviewers in the Cochrane Collaboration (CC) and
- ◆ to effect local and regional appreciation, dissemination, and application of systematic reviews of health care interventions.

The work of the CC in Canada is carried out by the Canadian Cochrane Network, with sites at all Canadian universities with academic health science centres, and representatives from consumers, health professional organizations, health technology assessment groups, and government. The Canadian Cochrane Network has been very active this year with workshops across the country, including more advanced workshops this year, for people who have signed up as reviewers. The productivity of Canadians involved in the Cochrane Collaboration, as detailed in this report, is most impressive, contributing to the frenetic growth of the CC in 1998. The rate of development of new reviews continues apace, with 481 completed reviews (up from 276 a year ago) in the Cochrane Database of Systematic Reviews (CDSR) in Issue 4 for 1998 and 438 protocols for reviews in gestation (up from 283 a year ago). The Database of Abstracts for Reviews of Evidence (DARE) now contains abstracts for 1820 systematic reviews that have been published outside the Cochrane aegis, and the Cochrane Controlled Trials Register now has 218,356 entries. The Cochrane Library (CL) also contains an extensive bibliography on the methodology of systematic reviews and a complete manual for preparing reviews. If you are not already a subscriber to the CL, please check it out - we're sure that you will agree that it lives up to its aim to be the best single source of reliable evidence about the effects of health care interventions. There are now more ways to subscribe to the CL than ever. In addition to the CD, the CL is available on Internet from a number of providers, including <http://www.update-software.com/ccweb/cochrane/cdsr.htm>; <http://www.hcn.net.au>; and, <http://www.ovid.com>.

I would like to express my thanks for the honour of serving the Cochrane Collaboration as the first director for the Canadian Cochrane Centre. I believe that the world is a better place because of the work of the CC and it has been a great joy to be part of its development. I would like to thank the staff of the Canadian Cochrane Centre and my sidekick, Alejandro Jadad, for their loyalty and team spirit during the leadership transition. Finally, I am delighted to be leaving the Canadian Cochrane Network and Centre in the very capable hands of Dr. Arne Ohlsson. I can't think of anyone better qualified, and know that the Canadian Cochrane Network and Centre will thrive with his stewardship.

Best wishes,



Brian Haynes MD, PhD

THE CANADIAN COCHRANE REPORT FOR 1998

Looking Ahead to 1999

It is a privilege to take over as the second director in the history of the Canadian Cochrane Network and Centre (CCN/C). To have been asked to lead the CCNC is a true honor.

I would like to acknowledge the major contributions that Dr. Brian Haynes has made to the Cochrane Collaboration. Dr. Haynes established the CCN/C in 1993 as the 2nd Cochrane Centre in the world and organized the 2nd Cochrane Colloquium in October 1994. He secured funds from the Medical Research Council of Canada and the Conference of the Deputy Ministers of Health to finance the staffing and the activities at the Centre and the 16 network sites across Canada. During the period of his leadership and with his support Canadians have made major contributions to the Cochrane Library and to the dissemination of reviews. It is a challenge for all of us within the Collaboration to keep up the momentum and the enthusiasm that Dr. Haynes has created. On behalf of the CCN/C I wish him good luck in his new position as Chair of the Department of Clinical Epidemiology and Biostatistics at McMaster University.

I am pleased that Dr. Alejandro Jadad, Dr. Kathie Clark, Mr. Tom Oliver and Ms. Shari Beal have all agreed to continue in their positions at the CCN/C at McMaster University in Hamilton. The major task in 1999 will be to secure funding for the future. Efforts to raise funds and other important commitments for dissemination of reviews will not be distracted by an immediate relocation of the Centre.

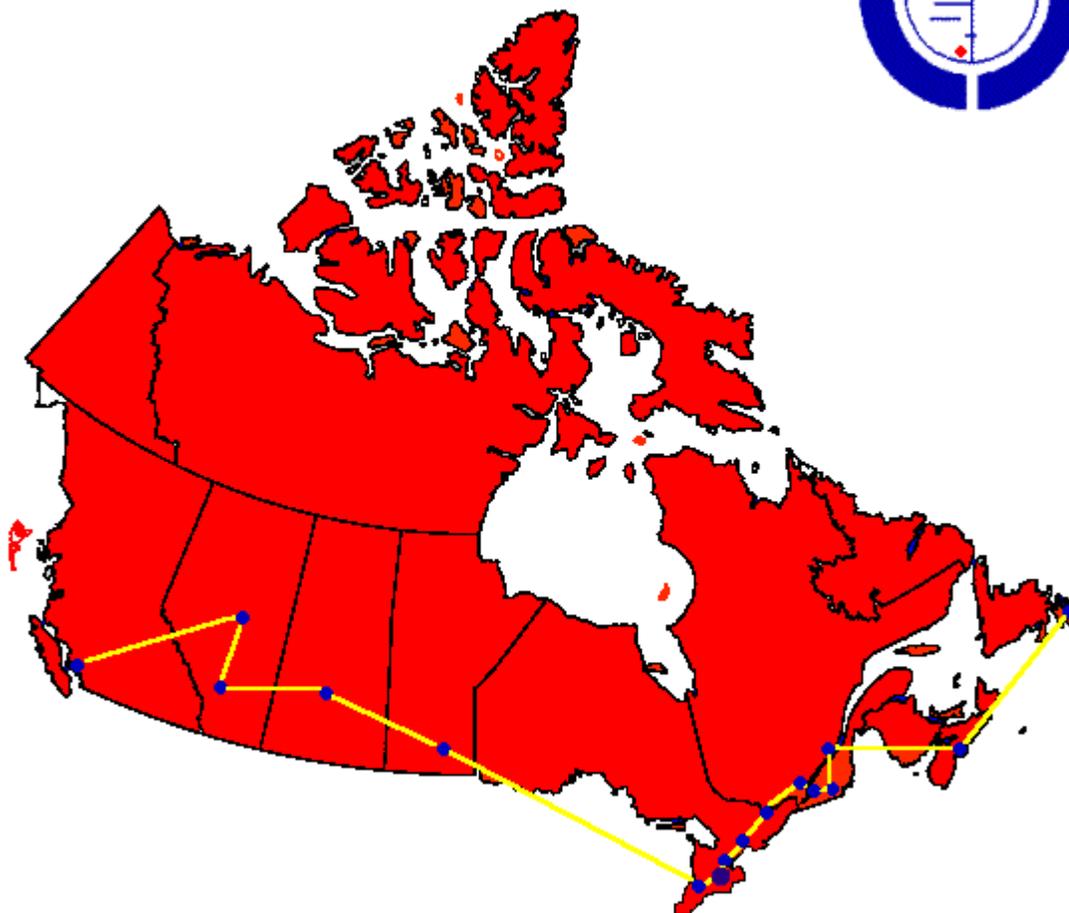
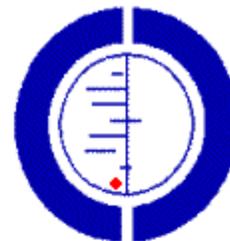
I look forward to working with the Centre staff, the site representatives, the members of the board, the leaders of Canadian Cochrane Review Groups and Fields, the reviewers, the affiliate representatives from the government and professional organizations, and the consumers to strengthen the CCN/C. By continuing to produce and disseminate high quality systematic reviews we will provide the necessary evidence to improve health care outcomes, increase customer satisfaction and stimulate research. If we work well as a team we should be able to continue on the high note struck by Dr. Brian Haynes into the new millenium.

Best wishes,



Arne Ohlsson MD, MSc.

THE CANADIAN COCHRANE NETWORK AND CENTRE



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CONTRIBUTORS TO THE CANADIAN COCHRANE NETWORK AND CENTRE

Centre Staff

Director	Dr. Brian Haynes (Jan. to Nov.) Dr. Arne Ohlsson (Nov. to Dec.)
Co-Director	Dr. Alejandro Jadad
Coordinator	Dr. Kathie Clark
Communications/Research Assistant	Mr. Tom Oliver
Secretary	Ms. Shari Beal
Administrative Assistant	Ms. Ritz Kakuma (Jan. to Aug.)

Network Site Representatives

Dalhousie University	Dr. Robin Whyte
McGill University	Dr. Michael Kramer
McMaster University	Dr. Alba DiCenso
Memorial University of Newfoundland	Dr. Roger Thomas
Queens University	Dr. Tanveer Towheed
Université de Laval	Dr. William Fraser
Université de Montréal	Dr. Jacques Lacroix
Université de Sherbrooke	Dr. Jean-Pierre Tétrault
University of Alberta	Dr. L. Duncan Saunders
University of British Columbia	Dr. Arminée Kazanjian
University of Calgary	Dr. Lloyd Sutherland/Dr. Rollin Brant
University of Manitoba	Dr. Michael E.K. Moffatt
University of Ottawa	Dr. Peter Tugwell/ Dr. George Wells
University of Saskatchewan	Dr. Paul Peloso
University of Toronto	Dr. Arne Ohlsson
University of Western Ontario	Dr. Jack W.D. McDonald

Affiliates

Canadian Association of Occupational Therapists	Ms. Nancy Pollock
Canadian Coordinating Office for Health Technology Assessment	Dr. Jill Sanders
Canadian Health Libraries Association	Ms. Davida Glazer
Canadian Institute for Health Information	Mr. Serge Taillon
Canadian Nurses' Association	Ms. Sarah Hayward
Canadian Pharmacists Association	Ms. Carole Repchinsky
Canadian Physiotherapy Association	Ms. Dianne Parker-Taillon
Consumers	Ms. Jean Jones
Fond de Recherché en Santé du Québec	Dr. Pierre Boyle
Health Services Utilization and Research Commission	Mr. Steven Lewis
Technology Assessment Groups	Dr. Arminée Kazanjian
The Canadian Association of Speech-Language Pathologists and Audiologists	Dr. G. Keith Christopher

Leaders/Coordinators for Review Groups and Fields

Back Review Group for Spinal Disorders	Dr. Claire Bombardier/ Ms. Andrea Furlan
Inflammatory Bowel Disease Review Group	Dr. Jack McDonald / Mr. Wayne Tucker
Musculoskeletal Review Group	Dr. Peter Tugwell / Ms. Bev Shea
Neonatal Group	Dr. Jack Sinclair / Ms. Diane Haughton
Child Health Field (Possible)	Dr. Terry Klassen/ Ms. Jacqueline Page
Health Promotion Field	Dr. Alba DiCenso / Ms. Sheila McNair

OVERVIEW AND STRUCTURE OF THE CANADIAN COCHRANE NETWORK AND CENTRE

Canadian Cochrane Network

Composed of representatives from the 16 Canadian universities supporting an academic health sciences centre

GOALS:

- To identify & support Canadians within each network site region who wish to participate in the Collaboration
- To promote local & regional appreciation, dissemination, and application of systematic reviews of health care interventions

Canadian Cochrane Centre

Established in 1993 at the Health Information Research Unit at McMaster University

GOALS:

- To recruit & support training of Canadian reviewers
- To support development of new Canadian-based review groups and fields to assist Canadian audiences to access and utilize the information contained in Cochrane Reviews
- To develop dissemination models, strategic plans, and evaluating protocols to further Canadian contributions

Canadian Cochrane Affiliates

Composed of representatives from various health care professional associations and consumer groups

GOALS:

- To advise the Canadian Cochrane Network & Centre
- To identify & support Canadian members within each constituency who wish to become involved in the Collaboration
- To promote appreciation, dissemination, and application of appropriate systematic reviews of health care interventions within their constituency

Funders:

**Conference of Deputy Ministers of Health
Medical Research Council of Canada**
**In kind: Canadian universities with academic
health sciences centres**

THE CANADIAN COCHRANE NETWORK AND CENTRE SUMMARY REPORT

Introduction:

The Canadian Cochrane Network and Centre (CCN/C) has had a very active and productive year. The detailed activity reports of the Site Representatives, Affiliate Representatives and Canadian-based entities describe and document the work and achievements during the past twelve months. The following is a brief discussion of the results summarized according to our strategic planning issues.

Dissemination and Impact:

One of the primary mechanisms for expanding the accessibility to the Cochrane systematic reviews is through the Cochrane Library. The Sites are expanding the number of subscriptions and their distribution in university and hospital libraries. The use of the Cochrane Library is frequently promoted and facilitated by health librarians. The increased involvement of librarians in Cochrane activities was reported by several Sites this year. The new Affiliate Representative of the Canadian Health Libraries Association, Davida Glazer, will encourage and support the continued recruitment of librarians to work with various aspects of the Network.

The Canadian Cochrane Network and Centre's Internet site features a wide variety of information on the Cochrane Collaboration, abstracts of all Cochrane Reviews in the Cochrane Library, promotional material, downloads, workshops, health links, and more. The website has shown consistently high activity throughout 1998, with an average of 332 visitors per day. This adds up to more than 121,000 visits per year.

In the United Kingdom, the Oxford Textbook of Psychiatry (Gelder, Gath, Mayou, & Cowan) is one of the main postgraduate texts used by those studying for higher degrees in psychiatry. It is currently under revision and includes advice to authors that "contributors may wish to use the current disc issue of the Cochrane Library. A search of the Cochrane Library will yield many systematic reviewers and a large database of references". Similar advice to authors and researchers contributing to Canadian textbooks will be encouraged in the coming year.

Again in the UK, the Department of Health recently published its national Information Strategy for the Modern NHS 1998-2005. One element of the strategy is a National Electronic Library for Health (NELH), and the aim is that this should be accessible through local intranets in all NHS organizations by 2002. The Cochrane Collaboration is an explicitly named element of the NELH.

Late last year Jeremy Grimshaw (Effective Practice and Organization of Care CRG) gave evidence to the UK House of Lords Select Committee on Science and Technology on "Resistance to antibiotics and other antimicrobial agents". The evidence was based on Cochrane systematic reviews and is a concrete example of policy makers use of Cochrane evidence. Policy makers and planners are key targets for the dissemination of Cochrane systematic reviews in Canada. To set the stage for policy makers and planners to use the Cochrane Library, two workshops were held this year to introduce them to the Cochrane Collaboration, the Canadian Cochrane Network and Centre and the Cochrane Library. Another workshop is planned for 1999 which will then be packaged and distributed across the Network so that similar workshops can be held in all regions.

Dr. Ian Chalmers was successful in persuading the UK Academy of the Medical Royal Colleges to endorse a statement for trainees, members and fellows addressing the importance for all doctors of skills in critical appraisal of research evidence and the need for tests of these skills to be reflected in College examinations. The statement also speaks to the role of systematic reviews as a recognized academic/research function. Discussions have been initiated with the Royal College of Physicians and Surgeons in Canada to promote a similar endorsement here.

Education and Training:

It is recognized that all levels of health sciences students need to be introduced to the Cochrane Library as one of their primary resources. The detailed activity reports document a variety of projects across the 16 Sites to introduce the Cochrane Collaboration to undergraduate, graduate and continuing education health sciences students.

To date, workshops and presentations have been one of the Network's most popular education and dissemination tools. The activity reports documented that in 1998, 59 workshops, seminars and presentations were offered by the various Network

members. They included educational programs to introduce people to the Cochrane Collaboration, the CCN/C and the Cochrane Library. They also provided training sessions for reviewers.

Funding:

The Canadian Cochrane Network and Centre has appreciated the continuing support of the Medical Research Council of Canada (MRC) and the Conference of Deputy Ministers of Health. In March 1998, a progress report was submitted to the MRC. This fall the CCN/C was notified that two additional years of MRC funding had been granted.

One additional year of funding to support the Network and Centre was awarded by the Conference of Deputy Ministers of Health.

Some of the Sites and Canadian-based entities reported on their funding status and awards this year. The challenge for 1999 will be to seek future funding for the Network and Centre that is stable and sufficient to support the implementation of the strategic plan. This effort will be led by the Funding Team of Arne Ohlsson, Paul Peloso, Peter Tugwell, and William Fraser.

Recruitment and Succession:

The commitment to consumer involvement in the Cochrane Collaboration is real. The Canadian-based Musculoskeletal CRG has recruited an active group of consumers who participate in the work of the Review Group in several ways. This year they initiated the production of consumer abstracts of systematic reviews which will be posted on the Arthritis Society website. The CCN/C is promoting the involvement of consumers in other Canadian-based CRGs and Fields.

The Recruitment and Succession Strategic Planning Team has proposed that each Site establish a Site Group to assist the Site Reps. with the planning, implementation and evaluation of Cochrane activities. It has been suggested that the Site Groups include representatives of the health professional groups and other Cochrane users in the region. It has also been recommended that each Site Group include a consumer member.

It was decided at the CCN/C Annual General Meeting in November that the Recruitment and Succession Team be integrated with the Education and Training Team.

Several changes in personnel occurred this year. We want to acknowledge with appreciation the work of John Fardy (Memorial Rep.), Milos Jenicek (U of Montreal Rep.), Phil Hahn (Queen's University Rep.), Rosmin Esmail (Back CRG Coordinator), Lorinda Simms (IBD Coordinator), and Ritz Kaukma (Centre Staff). We want to welcome Alba DiCenso (McMaster University Site Rep.), Roger Thomas (Memorial University Site Rep.), Jacques Lacroix (University of Montreal Site Rep.), Tanveer Towheed (Queen's University Site Rep.), Wayne Tucker (IBD CRG Coordinator), and Andrea Furlan (Back CRG Coordinator).

We also want to extend a warm welcome to two new Affiliate Representatives – Davida Glazer, Canadian Health Libraries Association and Carole Repchinsky, Canadian Pharmacists Association.

The most significant change occurred with the resignation of Brian Haynes, the founding Director of the Centre and Network. His vision and leadership has brought the CCN/C to its present stage of development and activity. At the CCN/C Annual General Meeting, we officially recognized the new Director, Arne Ohlsson, who has been the very active and productive University of Toronto Site Representative. Alex Jadad will continue as the CCN/C Co-Director.

Networking and Linkages:

In order to fulfill its mission, the Canadian Cochrane Network and Centre recognizes it must establish collaborative relationships with groups and organizations who share a common interest in promoting and supporting evidence-based health decision making.

This year we worked with the Heart & Stroke Foundation of Canada who hosted a meeting of key stakeholders interested in improving cardiovascular care through evidence-based decision making. This partnership is important for the development of future strategies to enhance evidence-based health care related to stroke and heart.

End of year meetings with staff from the Institute for Clinical Evaluative Sciences (ICES) and HappIN (Hamilton Area Public and Private Information Network) served to identify areas of common interest and opportunities for information exchange and collaboration.

Finally, CCN/C staff has worked with Pat Kelly, President of PISCES, to explore the feasibility of a national meeting/summit of consumer advocacy groups. Such a meeting would provide an excellent opportunity to promote and disseminate what the Cochrane Collaboration has to offer consumers as well as to recruit more consumer participants to the Network.

Future Directions:

The months ahead will be busy implementing the strategic plans. Critical to our ability to maintain a high level of activity to support the production and dissemination of systematic reviews will be our success in securing future funding.

We look forward to developing education and training opportunities for reviewers, practitioners, policy makers and planners, and consumers. We recognize the need to plan, implement and evaluate the effect of different ways of helping target groups access and use the systematic reviews produced by the Cochrane Collaboration.

THE CANADIAN COCHRANE CENTRE

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ The Strategic Planning Education & Training Team held three meetings (June 11, September 30, November 12). ◆ The CCN/C staff provided an introductory session on Cochrane and the Cochrane Library to members of the Ministry of Health, Health Promotion Branch, on October 19. ◆ The CCN/C offered a Reviewer Training Workshop in Hamilton on November 12. Twenty entry level reviewers attended.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The CCN/C staff consulted with J. George re communications strategies on January 29. ◆ The Strategic Planning Dissemination & Impact Team held two meetings (September 29, November 12). ◆ Selected abstracts of Cochrane reviews were written for health practitioners. ◆ A Cochrane Library poster display was developed and distributed to network sites. ◆ The CCN/C was a sponsor of Action Centre '98 – the Annual Meeting of Ontario District Health Councils in Niagara Falls on November 2. ◆ CCN/C Information Kits & Brochures were distributed to: <ul style="list-style-type: none"> ◆ University of Western Ontario Workshop (100), April ◆ University Of British Columbia Workshop (100), April ◆ McMaster University Workshop (30), April ◆ R. Handon, Health Transition Fund (1), May ◆ Dr. O. Sanchez-Sweatman, McMaster University (1), June ◆ Health Promotion Field (60), July ◆ P. Poushinsky, Hamilton-Wentworth District Health Council (2), July ◆ PISCES Brainstorming Session (21), July ◆ Dr. M. Brimacombe, University of PEI (1), July ◆ Dr. B. Broner, Birmingham, AL (1), July ◆ Teaching Health Unit, Reviewer Training Workshop (50), July ◆ R. Sirur, Etobicoke ON (1), July ◆ B. Cumming, Port Clements, BC (1), August ◆ Dr. E. Foldes, Montreal, Quebec (1), August ◆ Dalhousie Workshop, (50), September ◆ Evidence-Based Nursing Conference, Hamilton ON (100), September ◆ J. Jones, Consumer Representative (12), September ◆ S. Sims, Fredericton NB (1), September ◆ Dr. T. Klassen, Child Health Field (30), October ◆ Dr. D. Ciliska, Evidence-Based Seminar, London ON (40), October ◆ Cochrane Colloquium, Canadian Lunch Meeting, Baltimore (200), October ◆ Action Centre '98, Ontario District Health Councils (260), October ◆ Cochrane Heart Meeting, Ottawa ON (55), October ◆ Reviewer Training Workshop, Hamilton (20), November ◆ Dr. John Hewson, McMaster University (1), November ◆ Dr. D. Lesiege, Chicoutimi, Quebec (1), December ◆ June Kertyzia, Executive Director, HappIN, McMaster University (1), December ◆ Dr. R. Lee, McMaster University (1), December ◆ Tracked the utilization of the Collaboration and the Canadian Internet sites. ◆ Conducted CCN/C Evaluation Survey, March 6. ◆ Conducted survey to determine the communication needs of Canadians within the collaboration. ◆ Tracked the growth of the Canadian Contact Database from 350 in 1997 to 595 in 1998.
FUNDING	<ul style="list-style-type: none"> ◆ Submitted Progress Report to the Medical Research Council of Canada in March. ◆ MRC and Conference of Deputy Ministers of Health Grants were renewed. ◆ The Strategic Planning Funding Team held three meetings (June 16, September 28, November 12).
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ The Strategic Planning Recruitment & Succession Team held two meetings (Sept. 16, Nov. 4). ◆ Recruitment of Memorial University Site Representative.

	<ul style="list-style-type: none"> ◆ Recruitment of the Queen’s University Site Representative. ◆ Recruitment of the University of Montreal Site Representative. ◆ Recruitment of McMaster University Site Representative. ◆ Recruitment of New Director. 		
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ “Improving Cardiovascular Care Through Research Transfer: Opportunities with the Cochrane Collaboration” meeting of key stakeholders sponsored by the Heart & Stroke Foundation of Canada in cooperation with The Canadian Cardiovascular Society and the Canadian Cochrane Network & Centre, October 19, 1998. ◆ Insert of Reviewer Recruitment Flyer in the Registration Kits of the Canadian Cardiovascular Society meeting in Ottawa (2000 Flyers), October 20, 1998. 		
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ The 1997 Annual Report was distributed January 1998. ◆ The 1998 Annual Report prepared in December 1998. ◆ Communications: <ul style="list-style-type: none"> ◆ Distribution of the Cochrane News and Cochrane materials ◆ Distribution of CCInfo ◆ Distribution of Canadian news to Canadian Cochranites (GCC List) ◆ Visitors: <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>June 5, 1998 Dr. Dominique Broclain, Medical Information Specialist Sociologist of Science Association pour le Partage de l’Information Medicale et la Participation aux Decisions de Sante 45, rue Emile Desvaux 75019 Paris, France</p> <p>June 22, 1998 Takashi Kawamura, MD, PhD Department of Preventive Medicine Nagoya University School Of Medicine Phone +81-52-744-2132 Fax: +81-52-744-2971 E-Mail: kawat@med.nagoya-u.ac.jp Nagoya, Japan</p> <p>October 16, 1998 Jurg Bleuer Head Department of Evidence-Based Medicine The Swiss Academy of Medical Sciences Effingerstrasse 40 Postfach 5921 CH-3001 Bern, Switzerland</p> </td> <td style="width: 50%; vertical-align: top;"> <p>June 10, 1998 Christopher David Price Dowd (RN, MSc.) Senior Lecturer Multimedia and Distance Learning University of Sheffield International & Research Offices 301 Glossop Road Sheffield, England S10 2HL</p> <p>September 10, 1998 Irene Moraw Senior Project Officer Division of Surgery The Queen Elizabeth Hospital 28 Woodville Road, Woodville South Adelaide, South Australia 5011</p> <p>November 19, 1998 Claire Jehanne Dubouloz Assistant Professor, Occupational Therapy School of Rehabilitation Sciences University of Ottawa And Josee Vallerand Research Assistant School of rehabilitation Sciences University of Ottawa Ottawa, Canada</p> </td> </tr> </table> ◆ Consumer Involvement: <ul style="list-style-type: none"> ◆ Meetings with PISCES re Consumer Summit (May 22, June 16, June 29) ◆ PISCES sponsored brainstorming session , Toronto, August ◆ Infrastructure Support: <ul style="list-style-type: none"> ◆ Meeting of Coordinators with the Canadian-based entities, Hamilton, July 17 ◆ CCN/C Staff Planning Session, Hamilton, July 22 and November 24 ◆ Annual General Meeting, Hamilton, November 12 and 13. 	<p>June 5, 1998 Dr. Dominique Broclain, Medical Information Specialist Sociologist of Science Association pour le Partage de l’Information Medicale et la Participation aux Decisions de Sante 45, rue Emile Desvaux 75019 Paris, France</p> <p>June 22, 1998 Takashi Kawamura, MD, PhD Department of Preventive Medicine Nagoya University School Of Medicine Phone +81-52-744-2132 Fax: +81-52-744-2971 E-Mail: kawat@med.nagoya-u.ac.jp Nagoya, Japan</p> <p>October 16, 1998 Jurg Bleuer Head Department of Evidence-Based Medicine The Swiss Academy of Medical Sciences Effingerstrasse 40 Postfach 5921 CH-3001 Bern, Switzerland</p>	<p>June 10, 1998 Christopher David Price Dowd (RN, MSc.) Senior Lecturer Multimedia and Distance Learning University of Sheffield International & Research Offices 301 Glossop Road Sheffield, England S10 2HL</p> <p>September 10, 1998 Irene Moraw Senior Project Officer Division of Surgery The Queen Elizabeth Hospital 28 Woodville Road, Woodville South Adelaide, South Australia 5011</p> <p>November 19, 1998 Claire Jehanne Dubouloz Assistant Professor, Occupational Therapy School of Rehabilitation Sciences University of Ottawa And Josee Vallerand Research Assistant School of rehabilitation Sciences University of Ottawa Ottawa, Canada</p>
<p>June 5, 1998 Dr. Dominique Broclain, Medical Information Specialist Sociologist of Science Association pour le Partage de l’Information Medicale et la Participation aux Decisions de Sante 45, rue Emile Desvaux 75019 Paris, France</p> <p>June 22, 1998 Takashi Kawamura, MD, PhD Department of Preventive Medicine Nagoya University School Of Medicine Phone +81-52-744-2132 Fax: +81-52-744-2971 E-Mail: kawat@med.nagoya-u.ac.jp Nagoya, Japan</p> <p>October 16, 1998 Jurg Bleuer Head Department of Evidence-Based Medicine The Swiss Academy of Medical Sciences Effingerstrasse 40 Postfach 5921 CH-3001 Bern, Switzerland</p>	<p>June 10, 1998 Christopher David Price Dowd (RN, MSc.) Senior Lecturer Multimedia and Distance Learning University of Sheffield International & Research Offices 301 Glossop Road Sheffield, England S10 2HL</p> <p>September 10, 1998 Irene Moraw Senior Project Officer Division of Surgery The Queen Elizabeth Hospital 28 Woodville Road, Woodville South Adelaide, South Australia 5011</p> <p>November 19, 1998 Claire Jehanne Dubouloz Assistant Professor, Occupational Therapy School of Rehabilitation Sciences University of Ottawa And Josee Vallerand Research Assistant School of rehabilitation Sciences University of Ottawa Ottawa, Canada</p>		

REPORTS FROM THE CANADIAN COCHRANE NETWORK SITES

DALHOUSIE UNIVERSITY - DR. ROBIN WHYTE	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ A workshop was held on September 3-4, 1998 on the Introduction to the Cochrane Collaboration and RevMan. This was in Halifax with information distributed to New Brunswick, Prince Edward Island, and Newfoundland. There were 31 paid attendees and, as the meeting was open to undergraduates and graduate students, about an equal number of non-paying registrants. Dr. Alex Jadad was the guest speaker. This was a successful and highly interactive workshop which most certainly identified the Library as an information source and also clarified the routes of access to other sources of evidence-based medicine. ◆ The Site continues to offer education specifically on the Cochrane Collaboration and systematic reviews to all undergraduates. For the last 4 years we have had the opportunity to have this session included as a compulsory component in the undergraduate program and all the students do a 2-hour problem-based small group workshop for which they must prepare by accessing the Cochrane Library on the Dalhousie University network. Dalhousie University updates the Cochrane Library on its own database which is accessible from the on-campus computers or from remote sites using the Dalhousie Premium Dial Software. This allows faculty as well as students access to the Library both for the purposes of this teaching exercise and for general clinical application. There are some odd features in the access system, in that some of the hospital-based servers are not recognized as “university”. A very limited number of clinicians have solved this problem by buying the Library in CD form. A specific goal of the coming year is to purchase a license for general access on the web to encourage browsing at this introductory stage.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Visit to Saint John Regional Hospital, New Brunswick, to deliver a presentation and demonstration of the Cochrane Library. About 100 people attended from all departments – medicine, pediatrics and anaesthesiology seemed most heavily represented. Undergraduates were also present.
FUNDING	<ul style="list-style-type: none"> ◆ Funding is entirely from the CCN/C except for the workshop where a \$50 registration fee was requested from non-students. This generated a revenue of \$1,650, which was set against expenditures of \$2,574. We did not feel the fee impaired recruitment to the workshop. No honouraria were offered but for our future workshop we are in a position to do so and should take advantage of the opportunity to attract more outside speakers.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ The Site is still at the level of introducing evidence-based medicine and the Cochrane technology. The September workshop was particularly successful in attracting staff from Informatics and the University Library. Clinical teachers also emerged and were identifiable as resources for evidence-based medicine. ◆ One student came forward and has applied to develop a protocol in ophthalmology but there have not been any volunteers from the staff. ◆ A student in librarianship and informatics has registered with the Colloquium at personal expense; these expenses will be supported by the Site budget; Andrea Talbot will attend the Colloquium from the Maritimes AHSC. ◆ Vimal Scott Kapoor, a year 2 medical student, has been recruited to write a review on newborn gonococcal prophylaxis and has contacted appropriate review editors. ◆ Alixe Howlett attended the Reviewer Training Workshop in Hamilton on Nov.12 in preparation for assuming more responsibility as a RevMan trainer.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ No reviews have been completed from the Halifax Site but there are two protocols, “Source, storage and handling of erythrocytes for transfusion to infants” and “Allogeneic erythrocyte transfusion of the critically ill newborn infant”. One abstract was presented at the Amsterdam Colloquium and is in preparation as a manuscript.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Robin Whyte attended the CCN/C Annual General Meeting and the Dissemination & Impact Strategic Planning Team Meeting.

MCGILL UNIVERSITY - DR. MICHAEL KRAMER

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Joint training activities with the other Quebec Cochrane sites were on temporary hold for much of the last year, owing to the sabbatical leaves of Drs. Fraser (Laval) and Bravo (Sherbrooke) and to Dr. Jenicek's retirement from the University of Montreal. The fall has seen renewed activity, however, with a training workshop aimed primarily for research staff at the Conseil d'évaluation des technologies en sante (CETS) and McGill on 11-12 November 1998. Drs. Ducharme and Bravo contributed as faculty members to this workshop and Dr. Gagnon, a new reviewer, was among the workshop participants. In addition, Dr. Kramer visited Dr. Fraser and his Laval colleagues in early September to plan an EBM workshop for medical faculty to be held in Quebec City early in 1999.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Dissemination of the Cochrane Library at McGill has been greatly aided by our purchase this year of the CD-ROM network version subscription for McGill's Health Centre Library. The Library has also purchased a separate subscription to the CDSR off the WWW, which can be accessed by any desk-top computer linked to the McGill mainframe (including all the teaching hospitals). The Library staff has become adept at using the CL and have been active in promoting its use and improving its access to potential users around the university and hospital communities.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ A new Cochrane reviewer has also been added since last year; Dr. Anita Gagnon, a nurse-epidemiologist who has registered one protocol (Antenatal Education) and one title (Education after Childbirth) with the Pregnancy and Childbirth Review Group.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ During the 1997-98 fiscal year, the McGill Cochrane site has made contributions to systematic reviews, the training of new reviewers, and the dissemination of the Cochrane Library. The two previous reviewers are Dr. Michael Kramer of the Pregnancy and Childbirth Review Group and Dr. Francine Ducharme of the Airways Review group. Dr. Kramer has published 9 completed reviews in the CDSR, including a recent substantive update of his largest review on balanced energy/protein supplementation during pregnancy. He has also published two articles this year (one a decision analysis of maternal anthropometric screening in Trop Med Intl Health, the other a recent editorial in CMAJ) that use data published in CDSR reviews. Dr. Ducharme has published two completed CDSR reviews (one of which is also in press for paper publication in the BMJ) and two protocols. She has also edited 7 protocols and 3 reviews as a member of the Airways Review Group.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Michael Kramer attended the CCN/C Annual General Meeting.

MCMASTER UNIVERSITY - DR. ALBA DICENSO

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ A workshop for policy makers and health planners in the Central West Region of Ontario was held at McMaster University on April 3. Thirty participants from hospitals, local government offices, and community agencies were introduced to the Cochrane Collaboration, the Canadian Cochrane Centre and the Cochrane Library. ◆ Cochrane Library training sessions were conducted in the summer for McMaster University Health Sciences Librarians. ◆ CCN/C staff participated in a Reviewer Training Session of the Hamilton-Wentworth Teaching Health Unit in Hamilton on August 28. ◆ CCN/C provided an introduction to the Cochrane Collaboration and the Cochrane Library to the McMaster University Student Informatics Mentorship Program on October 13.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ With the support of the Health Science Library staff, the Cochrane Library has been relocated into a highly visible area in the Library. ◆ The Cochrane Library was on display at McMaster University's Info-fair. ◆ A poster display of the Cochrane Library was available the McMaster University Health Sciences Library for two months during the fall term to promote the use of the Cochrane Library by all Health Science Library users. ◆ A display & demonstration of the Cochrane Library was presented at the Evidence-Based Nursing Conference held in Hamilton on September 24.

RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Dr. Alba DiCenso was recruited as the new McMaster Site Representative. ◆ She has agreed to join the Dissemination and Impact Strategic Planning Team ◆ Handsearchers were recruited to handsearch Canadian journals.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ A graduate student in the Health Research Methods Programme, Patti Montague, was recruited to update the Cochrane review on “Interventions to follow prescriptions for medications”.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. DiCenso attended the CCN/C Annual General Meeting.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND - DR. ROGER THOMAS

RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Dr. Rodger Thomas was recruited in the summer as the new Memorial University Site representative. ◆ Dr. Thomas has joined the Education and Training Strategic Planning Team.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Thomas attended the CCN/C Annual General Meeting and the Education and Training Strategic Planning Team Meeting.

QUEEN'S UNIVERSITY - DR. TANVEER TOWHEED

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Presentation: Evidence-based Medicine and The Cochrane Library (December 1, 1997) (Phil Hahn) Forum: Introduction to Research Course for Canadian Residents in OB/GYN Under the auspices of the Association of Professors of Obstetrics and Gynecology (APOG) Location: The Joseph L. Rotman Centre, University of Toronto - Didactic introduction - demonstration of Cochrane Library CD-ROM - on-line look at Cochrane Homepage Participants: 33 residents from across Canada Evaluation: Average rating = 4.3 (n=26), Range = 3 to 5. Scale: 5 = outstanding ◆ Poster Presentation: The Cochrane Collaboration (April 29, 1998) (Phil Hahn) Forum: Health Services Research Awareness Day Participants: Researchers from the Greater Kingston Area Location: Biosciences Complex, Queen's University ◆ Poster Presentation: The Cochrane Collaboration (May 8, 1998) (Phil Hahn) Forum: Dept. OBGYN Annual Research Day Location: Donald Gordon Centre, Queen's University ◆ Cochrane Seminar (May 11, 1998) Location: Richardson Labs Lecture Theatre, Queen's University - 45 minute introduction: Cochrane Collaboration and the Cochrane Library. (Phil Hahn) - 30 minute demonstration: Cochrane Review using Cochrane Library. (Tanveer Towheed) - 30 minute presentation: Using the Cochrane Library to Teach and Practice EBM. (Ian Casson) ◆ Participants: 40-50 persons (Faculty, Residents, Graduate Students, Librarians) ◆ Jackie Duffin, M.D. and Terrie Romano, Ph.D. of the Queen's Hannah Chair, Dept. of History of Medicine, attended the Cochrane Seminar on May 11th and expressed great interest in pursuing a project to document the history of the Cochrane Collaboration. We met on June 22, 1998 to further discuss this endeavour. They were provided with materials to get started: Arne Ohlsson's slides commemorating Archie Cochrane's birthday; chronology of the Cochrane Collaboration from the WWW. A formal plan will be developed in January 1999.
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EDUCATION & TRAINING Continued	<ul style="list-style-type: none"> ◆ Presentation: Evidence-based Medicine and the Cochrane Library. (June 9, 1998) (Phil Hahn) Forum: Introduction to Research Course for Queen's Residents Postgraduate Medical Education Program Location: Richardson Labs Lecture Theatre, Queen's University Participants (n=56): Residents, Undergraduate Medical Students, Faculty, 1 Pharmaceutical Rep. Evaluation: Average rating = 3.9 (n=31), Range 2 to 5. Scale: 5 = outstanding ◆ Presentation: Evidence-based Medicine on the Internet: The Cochrane Library. (June 25, 1998) (Phil Hahn) Forum: SOGC Annual Clinical Meeting Workshop (8:00 am to 4:00 pm): Medical Informatics and the Internet. Location: Victoria, B.C. Participants: Members of the Society of Obstetricians and Gynecologists of Canada (SOGC) Evaluation (n=14): Topic Relevance 4.7; Clarity 4.6; Question: Would you listen to speaker again? Yes: 100%. Scale: 0 = poor, 5 = outstanding. ◆ Presentation: The Cochrane Library CD-ROM (August 11, 1998) (Suzanne Miranda, Librarian, Queen's Health Sciences Library) Forum: Phase III Undergraduate Medical Student Training in Library Resources. ◆ Presentation: The Cochrane Database of Systematic Reviews (CD-ROM and Internet Versions) (September 15, 1998) (Phil Hahn) Forum: Graduate Teaching Session for OBGYN Residents (n=6) ◆ Location: Queen's University ◆ Presentation: The Cochrane Collaboration and The Cochrane Library (November 5, 1998) (Phil Hahn) Forum: Graduate Teaching Session for General Surgery Residents Location: Kingston General Hospital ◆ Training: Cochrane Library CD-ROM (1996-1998) (Margaret Darling, Manager, Kingston General Hospital Library) Over 2 years, 60 staff and residents have been trained to use the Cochrane Library. ◆ Presentation: Evidence-based Medicine and The Cochrane Library (December 6, 1998) (Phil Hahn) Forum: Introduction to Research Course for Canadian Residents in OBGYN Under the auspices of the Association of Professors of Obstetrics and Gynaecology (APOG) Location: The Joseph L. Rotman Centre, University of Toronto - didactic introduction - demonstration of Cochrane Library CD-ROM and the Internet Version via SOGC homepage Participants: 22 Residents from across Canada Evaluation: Average Rating = 4.0 (n=22), Range = 3 to 5. 5 = outstanding.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Cochrane Library (CD-ROM) is available at three sites: - Queen's Health Sciences Library* - The Learning Resource Centre for Undergraduate Medical Students* - The Kingston General Hospital ◆ The Journal EBM is available at two libraries: - Queen's Health Sciences Library* - Kingston General Hospital Library* * Purchased by Queen's Cochrane Site Budget.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Tanveer Towheed, MD., M.Sc, will succeed Kristan Aronson, Ph.D. as the Queen's University Site Representative. Dr. Towheed is an Assistant Professor, Depts of Medicine and Community Health & Epidemiology and a Cochrane Reviewer – Osteoarthritis: A systematic review of RCT's of Analgesia and anti-inflammatory Therapy in Osteoarthritis of the Hip (30 August, 1997). ◆ Phil Hahn has accepted the invitation to become the Team Leader for the Education & Training Strategic Planning Team.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Towheed has submitted a protocol to the Cochrane Library: Glucosamine sulfate in Osteoarthritis (submitted August, 1998)
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ P. Hahn attended the CCN/C Annual General Meeting and the Education & Training Strategic Team Meeting.

UNIVERSITÉ DE LAVAL - DR. WILLIAM FRASER	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Support of a doctorate student in the preparation of a new review for the Pregnancy and Childbirth Group. The results were presented at the SOGC meeting in Victoria, June 1998. ◆ Planning for a workshop that will be held in 1999 on Evidence-Based Medicine for Laval University professors interested in teaching. ◆ Planning for a provincial conference on EBM in partnership with the Actualité Médicale ◆ Training for a research anaesthetist from the University of Sherbrooke in méta-analysis technique.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Provided support to investigators at Laval University with Evidence-Based Medicine ◆ Course by Dr. William Fraser on Evidence-Based Medicine to residents and doctors of the Department of Obstetrics and Gynecology of the hospital with distribution of the book from Sackett et al. ◆ Introduction to the Cochrane Library by Dr. Michel Labrecque in Brazil during a teaching visit. ◆ Introduction to the Cochrane Library of the residents in OB/GYN at the hospital. ◆ Preparation of a French language Web Site of structured evidence-based abstracts of effective care in Familial Medicine (www.cfpc.ca/laval/default.htm).
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Planning for a protocol to study the impact of EBM dissemination on certain drug prescriptions by physicians.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. L. Turcot attended the CCN/C Annual General Meeting and the Reviewer Training Workshop.

UNIVERSITÉ DE MONTRÉAL - DR. JACQUES LACROIX	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ University of Montreal Graduate Course MSO 6027 (Clinical Epidemiology) Module: Meta-Analysis and systematic reviews. (November 1997) ◆ Preparation of possible common teaching and training programs (systematic reviews, evidence-based medicine) with Claude-Bernard University (Lyon), University of Geneva, University of Lausanne, Documentation Centre (EBM Dept.) Swiss Academy of Medicine, Bern, Switzerland, 18 – 27 May 1998 ◆ Planning for additional funding from national sources.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Updating and installing the Cochrane Library and software. Selected site: Para-medical Library, University of Montreal. Other potential sites: Affiliated hospitals (to be finalized in 1998). ◆ Invited Lecture – The Cochrane Collaboration Experience – Quebec Council for Social Research (Research-Development and Social Policies), Quebec City, May 11, 1998. ◆ Special Lecture (Charles University and National Institute of Public Health, Prague, Czech Republic) Evidence-based Medicine, Evidence-based Public Health, and Cochrane Collaboration, Oct. 6, 1997. ◆ Special Lecture at the 2nd Asian Pacific Congress of Epidemiology and The 8th Scientific Meeting of Japan Epidemiological Association, Tokyo. January 29, 1998 (Epidemiology, Evidence-based Medicine, and Evidence-Based Public Health).
FUNDING	<ul style="list-style-type: none"> ◆ Still no additional funding confirmed with the Quebec Health Ministry. A plea for this funding was presented and renewed at the ACFAS/CQRS Colloquium, quoted above, May 10-12, 1998. ◆ Cochrane Collaboration fostered with French and Swiss partners for the French speaking world. Any future results will be used as leverage to obtain additional national, regional, and provincial fundings.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Current and future activities overviewed and summarized with Dr. Pierre Fournier, Chairman of the Department of Social and Preventive Medicine (U. of M.). ◆ Dr. Jacques Lacroix recruited as the new Univeriste de Montreal Site Representative.
OTHER COCHRANE	<ul style="list-style-type: none"> ◆ Planning further U. of M. site activities with Canadian Cochrane Centre, January – May, 1998.

ACTIVITIES	<ul style="list-style-type: none"> ◆ Jenicek M. Epidemiology, Evidence-based Medicine, and Evidence-based Public Health. J Epidemiol, 1997; 7:187-97.
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UNIVERSITÉ DE SHERBROOKE - DR. JEAN-PIERRE TÉTRAULT	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Claire Poitevien, M.D., M.Sc will be the site instructor. She is an unlicensed physician working as a research assistant. She had a one week training at Laval University (William Fraser's group), and attended the McGill workshop (11-12 November 1998). Her M.Sc. thesis is a systematic review (1997).
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ One of the objectives for 1998 was to make the Cochrane reviews accessible to students, residents and staff, in the clinical environment. To date, 15 PC stations are located in wards and special units (4 ICU's, 1 ER, 10 Wards) will be linked to Ovid database and the Cochrane Reviews. It took from March to October to implement this objective at no cost.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Anick Berard, one of our former M.Sc. students, and Ph.D. candidate at McGill, presented an abstract at the meeting of the Society for Clinical Trials last May on the inter-rater reliability of the Chalmers' scale.

UNIVERSITY OF ALBERTA - DR. L. DUNCAN SAUNDERS	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Advanced Methods Workshop: A one-day advanced methods workshop was held in Edmonton on 23 January 1998. There were 27 participants (including 4 presenters). Alex Jadad, Co-Director, Canadian Cochrane Centre, was the main presenter. Participants were from a variety of disciplines including medicine, nursing, physical therapy, epidemiology and library science. The majority of participants were from Edmonton with two from Calgary and one from Saskatoon. The workshop evaluations were overwhelmingly positive with particular praise for Alex Jadad. ◆ Cochrane in the Curriculum: Systematic Reviews and the Cochrane Collaboration form part of the curricula for undergraduate medical students and graduate students (Department of Public Health Sciences) at the University of Alberta. ◆ Presentations: <ul style="list-style-type: none"> ◆ Evidence-Based Emergency Medicine. Annual Rural Emergency Update, University of Alberta, Jasper, AB. October 3, 1998. (Brian Rowe) ◆ Evidence-Based Emergency Medicine and the Cochrane Collaboration. Emergency Rounds, University of Alberta, Edmonton, AB. Spring, 1998. (Brian Rowe) ◆ Management of Acute Asthma – the Cochrane Way. Mayo Clinic Emergency Medicine Program, Rochester, USA. December 3, 1998. (Brian Rowe) ◆ Discordance between Meta-analyses and Mega-Trials. Epidemiology Methodology Rounds, Department of Public Health Sciences, University of Alberta . January 22, 1998. (Duncan Saunders) ◆ The Cochrane Collaboration and the Cochrane Data-base of Systematic reviews, Occupational Medicine Residents Academic Half-day. January 17, 1998 ◆ Participation in workshops (Brian Rowe): <ul style="list-style-type: none"> ◆ Evidence-Based Medicine Faculty Workshop, University of Alberta, Edmonton, AB. June 10, 1998. ◆ Teaching Evidence-Based Medicine Workshop, McMaster University, Hamilton, Ontario: June 1998. ◆ Evidence-Based Medicine Faculty Workshop, New York Academy of Sciences, New York, USA. November 9-12, 1998.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Annual subscriptions to the Cochrane Library were purchased and distributed to the following Health Sciences Libraries in Edmonton:

	<ul style="list-style-type: none"> ◆ Capital Health, Royal Alexandra Hospital Library ◆ Alberta Association of Registered Nurses Library ◆ Caritas Health Group, Grey Nuns Community Hospital and Health Centre Health Sciences Library (2 copies) ◆ John Scott Library, University of Alberta Hospitals.
FUNDING	<ul style="list-style-type: none"> ◆ A systematic overview of the effectiveness of intravenous beta-agonists in the treatment of asthma exacerbations. Canadian Association of Emergency Physicians (CAEP). November 1997. \$5,000.00.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ No definite arrangements
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ 7 new reviews as of the 4th edition of the 1998 Cochrane Library. ◆ 2 new protocols as of the 4th edition of the 1998 Cochrane Library. ◆ 5 Cochrane related publications and abstracts in 1998
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Duncan Saunders attended the Cochrane Colloquium in Baltimore.

UNIVERSITY OF BRITISH COLUMBIA - DR. ARMINÉE KAZANJIAN

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EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ BCOHTA continues its teaching efforts through presentations of the CC: ◆ Workshops for Librarians and Library Users: In December 1997 workshop “Introduction to the Cochrane Library was held at Woodward Library, UBC. The most recent presentation was given to a group of 25-30 librarians at the Health Libraries Association of BC. ◆ Evidence-based Decision Making: Tools from the Cochrane Collaboration (November 17, 1997) This one day workshop held at St Paul’s Hospital was attended by 37 clinicians, administrators, managers and researchers from numerous sites around the lower mainland. Presenters included Dr Martin Schechter of UBC/St Paul’s and Dr Trevor Sheldon, then of the Centre for the Dissemination of Systematic Reviews in the UK. ◆ Ministry of Health Workshop (April 22, 1998) A two hour seminar was given as part of the BC Ministry of Health regular policy seminar series. All levels of government were represented among the 70 participants. ◆ Pediatric Residents In September, BCOHTA presented the Cochrane Collaboration at the pediatric residents academic day held at BC Childrens’ and Women’s Hospital ◆ The BC Quality Improvement Conference November 5th, BCOHTA presented a seminar at the BC Annual Quality in Health Care Conference. The 50 attendees were primarily quality improvement managers. The applicability of the Cochrane Collaboration for their work was explored.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Searches of the Cochrane Library are part of a standardized BC Office of Health Technology Assessment (BCOHTA) search protocol and are included in reviews whenever available. Health technology assessment reports inform provincial decision making on health technologies. ◆ One-on-one demonstrations are provided to post-doctoral, nursing and other students affiliated with the BCOHTA. ◆ Provision of information about the CC and systematic reviews. The BCOHTA librarians answered questions about the CC and about systematic reviews on a regular basis. ◆ The Cochrane Database of Systematic Reviews is now available online through the UBC Library System.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Kazanjian attended the CCN/C Annual General Meeting and the Education & Training Strategic Planning Meeting.

UNIVERSITY OF CALGARY - DR. LLOYD SUTHERLAND & DR. ROLLIN BRANT

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ An advanced methods training workshop was given at the U of A in February and was attended by representatives of the U of C and U Saskatchewan Sites. ◆ The course in Evidence Based Practice established two years ago is attracting further attention from the students and is rising in profile. Planning for a critical appraisal and EBP course for residents is still underway.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The program of regular mail-outs to clinical department heads of summaries of recent updates and additions to the Cochrane Database is now firmly established. Feedback received to this date is positive, but a more formal evaluation of the effectiveness of the approach remains to be done. ◆ Negotiations to make the Cochrane database widely available through the Alberta Health Knowledge Network has been concluded. It is hoped that implementation will proceed promptly.
FUNDING	<ul style="list-style-type: none"> ◆ An informal request for support from the Alberta Heritage Medical Research Fund to fund a resource person for the Western provinces has been initiated by Duncan Saunders, and supported by U of C and other Sites.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ It is our intent to create a steering group of Cochrane collaborators. Dr. Reg Sauve is the first to join. We hope to expand this group in the near future.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Protocols: Dr. Sauve has submitted a proposal to review "Interventions to enhance linear growth in term infants who were small-for-dates"
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Rollin Brant attended the CCN/C Annual General Meeting and the Education & Training Strategic Planning Team Meeting.

UNIVERSITY OF MANITOBA - DR. MICHAEL E.K. MOFFATT

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Dr. Moffatt gave a graduate course in Clinical Trials using a Cochrane style review format. ◆ He included Cochrane in a lecture to first year medical students.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Manitoba Site assisted the medical library in purchasing the Cochrane Library. In return, they gave regular workshops on how to use the Cochrane Library. ◆ The Site placed copy of the Library at the College of Physicians and Surgeons of Manitoba where it can be used for the development of guidelines. ◆ Dr. Moffatt is Team Leader of the Dissemination and Impact Strategic Planning Team.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Dr. Moffatt recruited a core of pediatric reviewers who plan to take an active role in the Child Health Field developing out of CHEO.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Shortened Course of Antibiotics for Otitis Media. ◆ Shortened Antibiotic Treatment for Pediatric Urinary Tract Infection
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. M. Moffatt attended the CCN/C Annual General Meeting and the Dissemination & Impact Strategic Planning Team Meeting.

UNIVERSITY OF OTTAWA - DR. PETER TUGWELL & DR. GEORGE WELLS

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Cochrane Workshops: <ul style="list-style-type: none"> ◆ On September 14th the Ottawa Site held a very productive Introduction to the Cochrane Collaboration and a Protocol and Review Workshop (RevMan). ◆ There is an ongoing meta-analysis course, which is part of the Masters in Epidemiology program. This course also addresses issues within the Cochrane Collaboration.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Cochrane Library, Ottawa Civic Hospital, September 1997.

	<ul style="list-style-type: none"> ◆ The Cochrane Collaboration Department of Physiotherapy, April 1998.
FUNDING	<ul style="list-style-type: none"> ◆ The Arthritis Society has contributed a tremendous amount of effort in informing people of the Cochrane Collaboration and the activities of the Cochrane Musculoskeletal Group. Along with Peter Tugwell, the Director has met with several key companies to introduce the CC and to demonstrate various CC activities. ◆ The Arthritis Society also funded a consumer representative from Toronto to attend the most recent Cochrane Colloquium in Baltimore.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ The Ottawa Site strongly encourages and welcomes newcomers to the Cochrane Team. ◆ Catherine Dubee is a reviewer for the Upper Gastrointestinal and Pancreatic Diseases (UGPD) ◆ Allison Jones is a member of the Statistical and Quality of Reporting Methods Working Group. ◆ Terry Klassen is an editor of the Injuries Review Group. ◆ Catherine McAuley is a physiotherapist carrying out handsearching activities with the Rehabilitation and Related Therapies Field. ◆ David Moher is a member of the Statistical and Quality of Reporting Methods Working Group. David currently has a NHS grant to carry out work on a study looking at the quality of randomized controlled trials and meta-analysis. ◆ Graham Nichol is a reviewer for the Cochrane Heart Disease Group. ◆ Annette O'Conner is a reviewer for the Community with Consumers Review Group. ◆ Ba Pham is a member of the Statistical and Quality of Reporting Methods Working Group. ◆ Alla Rostom is a reviewer for the Community with Consumers Review Group, and the Upper Gastrointestinal and Pancreatic Disease (UGPD). ◆ Jacqueline Tetroe is a reviewer for the communicating with Consumers Review Group.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ P. Tugwell, G. Wells, B. Shea, V. Welch and consumer representative, P. Kelly, attended the Cochrane Colloquium in Baltimore. ◆ P. Tugwell, G. Wells and B. Shea attended the CCN/C Annual General Meeting.

UNIVERSITY OF SASKATCHEWAN - DR. PAUL PELOSO	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ One member of U of Saskatchewan faculty attended Advanced Training Workshops in Hamilton, November 1997, and then in Edmonton, February 1998. ◆ One department member of Rehabilitation signed on as a reviewer, area of neurology, with an Ottawa based group, and another member is actively exploring reviewer status in the Injuries Group. Plans underway to send both for training in RevMan outside Saskatchewan. ◆ We continue with a seminar series in Evidence-Based Medicine, where Cochrane is prominently displayed and promoted (sections on randomized trial critique and meta-analysis especially). ◆ Cochrane featured in Post Graduate lectures in Community Health and Epidemiology in section on randomized trials. This feature to be included as a core component to the course.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Internet version of Cochrane Library installed in Medical Library. ◆ Cochrane on CD was installed in Department of Medicine residents study room. ◆ Mail outs every 4 months to department heads in Medicine, Surgery, Pediatrics and Obstetrics re: presence of Cochrane Library, its presence in the Medical Library, and offers to demonstrate the library. Has been demonstrated to Medicine (residents and staff) on two occasions. Cochrane reviews have been used for several medical inpatients to guide medical care, and appended to the chart. ◆ Presentation was given to Health Services Utilization Research Commission (HSURC) about Cochrane Library and they have cited it in reviews. ◆ Invitations to present at Pediatrics, Surgery and Obstetrics rounds have been secured. ◆ Presentation to Department of Physical Medicine and Rehabilitation re: Cochrane Library. ◆ Mail outs to Medicine, Pediatrics, Rehabilitation and HSURC about the Baltimore colloquium. ◆ Contacts made with School of Physical Therapy, College of Pharmacy re: presenting Cochrane Library. ◆ No formal evaluation of use or of impact undertaken as yet. There is anecdotal evidence of increased use and citation of the Library however.

FUNDING	<ul style="list-style-type: none"> ◆ Work on a College of Medicine funded overview in the area of Neck Pain continues. ◆ Plans for a Western Training Site discussed with colleagues in Calgary and Edmonton.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Two new reviewers from Rehabilitation identified and further training planned. ◆ One potential reviewer from Department of Medicine (Division of General Internal Medicine) identified and now actively being recruited for succession for U of Saskatchewan Site.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ U. of Saskatchewan Site Rep. is an active reviewer in the area of neck pain. ◆ Two reviews are now in Cochrane Library in the area of neck pain. ◆ One reviewer from rehabilitation now involved in a carpal tunnel review. ◆ U of Saskatchewan Site Representative part of editorial process in Musculoskeletal area. ◆ A large task force on Mild Brain Injury (Post Concussion Syndrome) has developed at the U of Saskatchewan, Department of Rehabilitation, and will use a Best Evidence Synthesis approach. The development of the protocol, ongoing search, and appraisal of articles was strongly influenced by Cochrane methodology. Have contacted the Cochrane Injuries Review Group for further collaboration. ◆ Methodological Work relevant to Cochrane: <ul style="list-style-type: none"> The neck pain group is exploring issues of validity assessment. We are examining the reliability of 4 scales in the neck pain area, including the A. Jadad and the Spine Subgroup scales. This work is being done in parallel to a review in the neck pain area. ◆ The Mild Brain Injury Best Evidence Synthesis is performing methodological work in three areas relevant to Cochrane: <ul style="list-style-type: none"> ◆ What are the best sources of information in the area of mild brain injury; ◆ Is the concept of capture-recapture going to be useful for judging adequacy of search strategies in the mild brain injury area. ◆ Unique software that allows an interface between Reference Manager and Critical appraisal has been developed. This has eliminated the need for any critical review work on paper, and all results can be electronically stored, retrieved, and evaluated.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Paul Peloso attended the CCN/C Annual General Meeting and the Funding Strategic Planning Team Meeting.

UNIVERSITY OF TORONTO - DR. ARNE OHLSSON

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Two workshops were organized in the fiscal year (September 1997 and August 1998). ◆ The program on September 5, 1997 was organized by A. Ohlsson, R. Esmail and J. Lacy. The topics were: meta-analysis of diagnostic tests (background, statistical methods, and an example - Systematic review of rapid tests to detect Group B streptococcal colonization of the female genital tract); reports/work in progress from Cochrane entities supported by the Canadian Cochrane Centre (Neonatal Review Group, Inflammatory Bowel Disease Review Group, Musculoskeletal Review Group); the Cochrane Library (demonstration); RevMan (demonstration and practice). The speakers were Gary Foster, Janet Bodley, John Sinclair, Robin McLeod, Rosmin Esmail, Janet Lacy, and Arne Ohlsson. ◆ The April 3, 1998 workshop was planned by A. Ohlsson, R. Esmail and C. Berinstein. The topics included: An introduction to the Cochrane Collaboration; Cochrane Centre activities; the Health Promotion Field; a demonstration of RevMan; a demonstration of the Cochrane Library; the "Horizon Method", blinding and language bias; and summary data versus individual patient data. The resource people for this program were Tom Oliver, Alba DiCenso, Rosmin Esmail, Charlie Goldsmith, Anita Gross, and Lorinda Simms. ◆ Systematic reviews, the Cochrane Library and Revman have been incorporated in the course, "Introduction to Perinatal Clinical Epidemiology" in the Shared Program in Neonatal/Perinatal Medicine at U of T. ◆ Introduction to the Cochrane Library has been incorporated in the clinical rotations in neonatology for paediatric residents (R1-R4) at Mount Sinai Hospital. ◆ Dr. Brenda Tan (Obstetric Training Program, University of British Columbia) completed an elective rotation on "Handsearching the Neonatal Literature" at the Toronto Site - September 1997. ◆ The American Board of Paediatrics now accepts a systematic review as a means of fulfilling their research requirements for subspecialty training.
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<p>DISSEMINATION & IMPACT</p>	<ul style="list-style-type: none"> ◆ Archie Cochrane Week - January 12 to 16, 1998 <ul style="list-style-type: none"> A. Cochrane was born on January 12, 19909 and we used this fact to draw attention to the Cochrane Collaboration at U of T. Twelve events were organized across the city by A. Ohlsson, R. Esmail, and C. Berinstein. All the sessions were well attended and the feedback was very positive. The following institutions were involved: Baycrest Centre for Geriatric Care; The Hospital for Sick Children; the Institute for Work & Health; the Rehab Institute; Women’s College Hospital; CEU/ICES – Sunnybrook Hospital; Maternal, Infant, Reproductive Care Research unit; Centre for Research in Women’s health, Centre for Research in Education - The Toronto Hospital. The following speakers presented: Paula Rochon; Rosmin Esmail; Claire Bombardier; Jamie Guzman; Warren McIssac; Michael Dunn; Alba Dicenso; Dave Davis; and Arne Ohlsson. ◆ A birthday celebration in memory of Archie Cochrane was held at the Centre for Research in Women’s Health. ◆ The Archie Cochrane week at Uof T resulted in the following: <ul style="list-style-type: none"> ◆ Ms. R. Esmail and Dr. A. Ohlsson were invited by Dr. D. Davis (Vice Dean CME, UofT) to become members of a planning committee to organize a 1-2 day conference/workshop on “Evidence-Based Medicine and the Cochrane Collaboration. ◆ Dr. A. Ohlsson was invited to present “An overview of the Cochrane Collaboration” at a meeting of librarians from the Gerstein Science Information Centre and the Toronto Teaching Hospitals at the Gerstein Instruction Lab. at UofT, March 5, 1998. ◆ The Cochrane Library can now be accessed electronically by all UofT Library card holders. In addition, the Cochrane Library is available at The Hospital for Sick Children, Mount Sinai Hospital, Women’s College Hospital, the Institute for Work & Health, and Baycrest Centre for Geriatric Care. ◆ Dr. A. Ohlsson was invited to present “The Cochrane Collaboration” at the College of Physicians and Surgeons of Ontario in Toronto on March 24, 1998. ◆ Conferences: <ul style="list-style-type: none"> ◆ <u>Canadian Paediatric Society Meeting in Hamilton, Ontario, June 1998</u> Symposium: “National and International Collaboration in Neonatal Research and Dissemination of Research” The meeting was organized by A. Ohlsson and the topics included ” The work of the Neonatal Review Group” presented by Dr. John Sinclair (Neonatal CRG Coordinating Editor). ◆ <u>The 5th Annual Cochrane Colloquium: Amsterdam, Holland, October 8-12, 1997.</u> T. Bhuta and A. Ohlsson presented “Meta-analyses of early postnatal dexamethasone initiated within 14 days for prevention of chronic lung disease. ◆ Dr. Ellen Hodnett has incorporated her Cochrane reviews on support in labour in her NIH funded trial “SCIL – Supportive Care in Labour” trial (PI Hodnett E, Co-Investigators Hanah M, Ohlsson A, Stevens B, Wilan A, Gafni A, Strada ME, Lowe N) (NIH; 1998-2000; \$1,312, 929.00). ◆ Dr. William Fraser has incorporated Cochrane reviews (by Fraser W, co-investigators, Marcoux S, Goulet C, Ohlsson A, Contandriopoulos AP, Hofmeyer J, Petrou S, Prendiville W) (MRC 1998-2001; \$940,000). ◆ The Cochrane review “Intravenous immunoglobulin (IVIG) in suspected or subsequently proved serious neonatal infection” (Ohlsson A, Lacy JB) has been incorporated in a research proposal by Tarnow-Mordi for a large international multicentre trial with A. Ohlsson serving on the expert advisory committee. ◆ In the spring of 1994, a NIH consensus conference was held that recommended the use of steroids antenatally with a few exceptions to mothers with threatened preterm delivery. The recommendations were based on systematic reviews (including Cochrane reviews) and were immediately implemented in the Perinatal Unit at Women’s College Hospital in Toronto. This lead to an increase in the use of steroids from 40% to 80% of all pregnancies that resulted in a birth of a neonate with a birth-weight of 1500 grams or less in 1994 and the same usage has been documented in subsequent years including 1997.
<p>DISSEMINATION & IMPACT</p>	<ul style="list-style-type: none"> ◆ A. Ohlsson UNICEF consultant to the Sultanate of Oman December 5- 19. Introduction to the Cochrane Library at:

Continued	<ul style="list-style-type: none"> ◆ Ministry of Health ◆ Khoula Hospital, Muscat ◆ Royal Hospital, muscat ◆ SQU Hospital ◆ Nizwa Hospital, Nizwa ◆ Sohar Hspital, Sohar ◆ Maternal and Child Health Symposium, Muscat
FUNDING	<ul style="list-style-type: none"> ◆ The Foundation for the Brain Injured Infant (UK) funded A.Vickers, A Ohlsson, A. Horsley, and JB Lacy for “Massage therapy for premature and/or low birth weight infants to improve weight gain and /or decrease hospital length of stay. Pound Sterling 14,005.00, 1997/98 1,000.00, 1998/99 1,000.00.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ The following reviewers have been recruited in 1997/98 and have reviews/protocols (as principal author or co-author) published in the Cochrane Library, Issue 4. <ul style="list-style-type: none"> ◆ Full reviews - Anna Taddio (Pharmacology), Bonnie Stevens (Nursing), Janet Lacy (Physiotherapy), Alexandra Howlett (Neonatology), Elaine Wang (Paediatric Infectious Diseases), T. Tan (Paediatrics). ◆ Protocols - Orlando da Silva (Neonatology), Brenda Tan (Obstetrics), T. Tan (Paediatrics), Ann Griffiths (Paeditrics). ◆ Protocols/reviews in progress - Michael Dunn (Neonatology), Vibhuti Shah (Nenatology), Pamela Green (Nursing). ◆ Active reviewers from the Toronto Site are represented in the Pregnancy and Childbirth, Neonatal, Airways, Osteorthritis, Musculoskeletal, Inflammatory Bowel Disease Review groups, the Child health Field, and the Statistical Methods Group. ◆ Reviewers in Toronto represent many different disciplines: medicine, nursing, pharmacology, physiotherapy, and chiropractice.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Development of Practice Guidelines: <ul style="list-style-type: none"> ◆ Co-Chair, Fetus and newborn Committee of the Canadian Paediatric Society (A. Ohlsson). ◆ Fetus and Newborn Committee (Principal Author and Chair - McMillan D, Members - Ohlsson A) Canadian Paediatric Society. Retinopathy of Prematurity: A systematic review of the literature. <i>Pediatr Child Health</i> 1998; 3: 173-9. ◆ Fetus and Newborn Committee (Principal Author – Vincer M, Chair - McMillan D, Members - Ohlsson A), Canadian Paediatric Society. Retinopathy of Prematurity: Recommendations for screening. <i>Pediatr Child Health</i> 1998: 3:197-8. ◆ 7 Cochrane related publications and abstracts in 1998.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Ferreira attended the Airway Group meeting in London, England, Spring 1998 with financial support from the UofT Site. ◆ A. Ohlsson attended the Cochrane Colloquium in Baltimore, October 1998.

UNIVERSITY OF WESTERN ONTARIO - DR. JACK W.D. MCDONALD

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ The UWO Site hosted 2 introductory workshops which attracted a total of 100 participants. ◆ The Site organized a resident’s academic half-day on evidence-based medicine and presented a seminar on the Cochrane Collaboration. ◆ The Cochrane Collaboration and Cochrane Library were introduced to medical students.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Cochrane Library is now in the hospital and university libraries and networked to the University of Western Ontario library system.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ The UWO Site and the Inflammatory Bowel Disease Review Group said farewell to their Coordinator Lorinda Simms and welcomed Wayne Tucker to the role in October.

**REPORTS FROM THE CANADIAN COCHRANE AFFILIATES,
REVIEW GROUPS AND FIELDS**

BACK REVIEW SUBGROUP FOR SPINAL DISORDERS DR. CLAIRE BOMBARDIER & MS. ANDREA FURLAN	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ April 3rd, 1998 – The Canadian Cochrane Network – University of Toronto Site Workshop. Organizing committee: Arne Ohlsson, Rosmin Esmail (BRG Coordinator), and Corinne Berinstein. The workshop included: <ul style="list-style-type: none"> ◆ Demonstration of RevMan 3.0 Software (Rosmin Esmail) ◆ Demonstration of Cochrane Library (Rosmin Esmail) ◆ From the theory to practice, the challenges of doing systematic reviews. The example of multidisciplinary treatment for back pain (Jaime Guzman – support to the BRG editorial team) ◆ October 1st, 1998 – Manchester, UK <ul style="list-style-type: none"> ◆ Workshop on Cochrane Reviews on Low Back Pain. A satellite meeting of the Third International Forum for Primary Care Research on Low Back Pain. Participants: Pim Assendelft, Lex Bouter, Rick Deyo, Bark Koes, Raymond Ostelo, Paul Shekelle, Riekie de Vet, Claire Bombardier, Dan Cherkin, Jaime Guzman, Alf Nachemson, Martin Roland, Maurits van Tulder.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Cochrane Library Issue 4 (October 1998) contains 12 Protocols and 3 Reviews. Three protocols are in progress. ◆ The Back Subgroup maintains a website: http://www.iwh.on.ca/cochrane/cochrane.htm
FUNDING	<ul style="list-style-type: none"> ◆ The Back Subgroup is supported by the Institute for Work and Health ◆ The Swedish Council on Technology Assessment in Health Care funded the Back Subgroup's website
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Recruitment: is a continuous process through the web site. ◆ Succession: The Cochrane Back Review Subgroup has a policy to notify reviewers that they may lose their submitted Cochrane titles, if a time of one year or more has passed since submitting a title. The same process occurs to protocols, if a time of two years or more has passed since submitting a protocol.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Poster presentations: <ul style="list-style-type: none"> ◆ American College of Rheumatology, 62nd National Meeting, November 8-12, 1998, San Diego, CA Evaluating the Cochrane Collaboration Back Review Group Method Guidelines, Furlan A, Esmail R, Bombardier C. ◆ 3rd International Forum for Primary Research on Low Back Pain, October 2-3, 1998, Manchester, UK ◆ Most Common Criticisms of Systematic Reviews of Therapies for Low Back Pain and Neck Pain. Esmail R, Bombardier C. ◆ Critical Literature Review of Systematic Reviews on Chronic Low Back Pain. Esmail R, Clarke J, Sinclair S, Irvin E, Bombardier C.

**CANADIAN COORDINATING OFFICE FOR HEALTH TECHNOLOGY ASSESSMENT -
DR. JILL SANDERS**

DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ CCOHTA continues to disseminate to key health care decision makers through health technology reports and overviews and emerging health technology bulletins. A broader audience is reached through newsletters, conference presentations and displays, seminars, and media coverage.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ In 1998, Dr. Jill Sanders assumed the role of affiliate representative.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Canadian Coordinating Office for Health Technology Assessment. 1998. Abdominal aortic aneurysm: endovascular grafts offer a potential alternative to surgery. Ottawa: Canadian Coordinating Office for Health Technology Assessment/Office Canadien de Coordination de l'Evaluation des Technologies de la Sante pp.2. ◆ Canadian Coordinating Office for Health Technology Assessment. 1998. Antileukotrienes: an emerging generation of drug therapies for asthma. Ottawa: Canadian Coordinating Office for Health Technology Assessment/Office Canadien de Coordination de l'Evaluation des Technologies de la Sante pp.4. ◆ Gibis B, Baladi J-F. 1998. Leukoreduction: the techniques used, their effectiveness and costs. Ottawa: Canadian Coordinating Office for Health Technology Assessment/Office Canadien de Coordination de l'Evaluation des Technologies de la Sante pp.79. ◆ Perras C, Baladi J F. 1998. A clinical and economic review of HMG-CoA reductase inhibitors in coronary heart disease. Ottawa: Canadian Coordinating Office for Health Technology Assessment/Office Canadien de Coordination de l'Evaluation des Technologies de la Sante pp.12.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ A representative of CCOHTA attended the Canadian Cochrane Network and Centre Annual General Meeting.

**CANADIAN ASSOCIATION OF OCCUPATIONAL THERAPISTS –
MS. NANCY POLLOCK**

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ This year there has been increased integration of the Cochrane Collaboration and the Cochrane Library into the undergraduate education of OT's at McMaster University. ◆ The Representative made a presentation to multidisciplinary rehab groups on the Cochrane Collaboration and use of the Cochrane Library. ◆ Support was provided to students using Cochrane and help to students presenting about Cochrane in fieldwork placement sites.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Canadian Journal of Occupational Therapy published a theme issue on evidence-based Practice. Two Cochrane related articles were included. ◆ The Canadian OT Foundation has a new initiative to promote evidence-based practice. The group at the School of Rehab Science, McMaster University will be co-ordinating and linking with CCN/C.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Nancy Pollock is a member of the Dissemination and Impact Strategic Planning Team.

**CANADIAN HEALTH LIBRARIES ASSOCIATION –
MS. DAVIDA GLAZER**

RECRUITMENT & SCESSION	<ul style="list-style-type: none"> ◆ The Canadian Health Libraries named Davida Glazer as their Affiliate Representative to the CCN/C this fall. Ms. Glazer is the Resource Centre Coordinator with the Institute for Clinical Evaluative Sciences. Her orientation to the CCN/C and her role as an Affiliate Representative occurred on December 15. Two goals were set for the coming year to increase the involvement of librarians in the CCN/C.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Ms. Glazer attended the CCN/C Annual general Meeting and she has agreed to join the Dissemination and Impact Strategic Planning Team.

**CANADIAN NURSES' ASSOCIATION –
MS. SARAH HAYWARD**

DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Canadian Nurses' Association is actively pursuing a partnership with the Canadian Cochrane Network and Centre in dissemination strategies. As a professional association, the Canadian Nurses' Association has a critical role in supporting evidence-based practice through improving access to relevant research. A partnership could model new collaborative approaches to dissemination. Through its strong association with both educators and practitioners, the Canadian Nurses' Association is strategically well-positioned to enhance both the use and the production of reviews related to nursing practice. It continues to play a key role in the development of nursing research and research-based practice through a number of initiatives including: <ul style="list-style-type: none"> - On Sept. 22, CNA submitted a brief to the Federal Standing Committee on Finance calling for an infusion of funds to support nursing research and dissemination strategies. - The Canadian Nurses' Association is in the process of reviewing its own role with respect to information and knowledge management. This review will include a look at the Canadian Nurses' Association's role in data analysis and databank development. - The Canadian Nurses' Association is continuing to explore partnership with other national nursing associations (CAUSN, and NFNU) to develop a virtual nursing knowledge network. - The Canadian Nurses' Association is developing a policy statement on evidence-based decision making in nursing for release in Jan 1999. - A national consensus on the clinical care elements of a nursing minimum data set will be ratified at the Canadian Nurses' Association November Board Meeting. This is an important step to the inclusion of nursing information in provincial/territorial and national health databases. ◆ In addition, the nursing community in Canada is proud of the new Canadian Centre for Evidence-based Nursing, located at McMaster University and led by Dr. Donna Ciliska and Dr. Alba DiCenso, who also heads the Cochrane Health Promotion Field. The first Evidence-Based Nursing workshop was held this Spring. ◆ Although there is a clear need for the Cochrane Collaboration and the Canadian Network to improve its multi-disciplinary recruitment activities, there is a growing awareness of systematic reviews in the nursing community. For example, the acceptability of systematic reviews for graduate degree theses is increasing in university nursing schools across the country.
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CANADIAN PHYSIOTHERAPY ASSOCIATION - MS. DIANNE PARKER-TAILLON	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ A national teleconference on the Cochrane Collaboration was conducted in November 1997 by B. Shea and D. Parker-Taillon. ◆ In June 1998, there was a CPA congress workshop about the Cochrane collaboration, the Rehabilitation Field and how to use the Cochrane Library.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The CPA's Research Special Interest Group is negotiating a subscription to the Cochrane Library for members.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Handsearching of Physiotherapy Canada has begun and 1996 and 1997 have been completed. ◆ 2 meetings of the Rehabilitation Field were attended by D. Parker-Taillon. ◆ Catherine McAuley attended the CCN/C Annual General Meeting.

CHILD HEALTH FIELD (POSSIBLE) – DR. TERRY KLASSEN & MS. JACQUILINE PAGE	
EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ Initial Discussions regarding formation of Education sub-committee, Chaired by David Moher, Director, Thomas Chalmers Centre for Systematic Reviews, Ottawa Ontario.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Research Rounds on the Cochrane Collaboration Child Health Field given by Terry Klassen, Jacqueline Page, and David Moher, Children's Hospital of Eastern Ontario Research Institute, November 6, 1998. ◆ Motivated discussion regarding development of Cochrane Child Health field "Journal Club" for members of CHEO Research Institute and CHEO.
FUNDING	<ul style="list-style-type: none"> ◆ Discussions underway with government agencies and health care foundations, in Canada and the United States.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Advisory Board members recruited November – December, 1998. ◆ Survey to recruit members to Child Health Field distributed via Child Health listserv, November, 1998. ◆ CRG coordinators surveyed to ascertain perceived ways in which Child Health Field can offer support, conducted in November, 1998.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ Provided peer reviewers for Cochrane protocol "Antibiotics for preventing recurrent urinary tract infection in children" G. Williams. Request from Coordinators of the Cochrane Renal Review Group.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Active registration process. ◆ Liaison with Baltimore Cochrane Center regarding transfer of Child Health registry of reviews and clinical trials. ◆ Liaison with Packard foundation, San Francisco, re: transfer of Child Health listserv. ◆ Initial discussions regarding development of Child Health Field web site. ◆ Initial discussions regarding development of Evidence-based Child Health journal.

CONSUMERS - MS. JEAN JONES	
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Consumer Representative took advantage of her various consumer roles to promote the Cochrane Collaboration. ◆ The CCN/C staff have collaborated with P. Kelly, President of PICES, to plan a summit conference of consumer advocacy organizations in 1999.
RECRUITMENT & SCESSION	<ul style="list-style-type: none"> ◆ The primary work of the Consumer Representative this year has been to promote the increased involvement of consumers in all aspects of the CCN/C. ◆ In addition, she has actively tried to recruit consumers for the CCN/C and the Consumer Network.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ J. Jones attended the Cochrane Colloquium in Baltimore. ◆ She also attended the CCN/C Annual General Meeting and the Dissemination and Impact Strategic Planning Team Meetings.

INFLAMMATORY BOWEL DISEASE REVIEW GROUP – DR. JACK MCDONALD & MR. WAYNE TUCKER	
FUNDING	<ul style="list-style-type: none"> ◆ The IBD Review group received funding from the Crohn’s & Colitis Foundation of Canada for an educational randomized trail (one year) with salary support for a trial co-ordinator. The comparisons will include a blinded Cochrane review, a blinded New England Journal of Medicine article (reviews), and an unblinded NEJM reviews on azathiaprine for induction of remission in Crohn’s disease.
RECRUITMENT & SCESSION	<ul style="list-style-type: none"> ◆ The IBD Group recruited a new coordinator, Wayne Tucker, to replace Lorinda Simms who resigned in the fall to pursue a new opportunity in her career.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Dr. Jack McDonald attended the Cochrane Colloquium in Baltimore. ◆ Dr. Jack McDonald and Wayne Tucker attended the CCN/C Annual General Meeting. ◆ W. Tucker also participated in the Reviewer Training Workshop.

MUSCULOSKETAL REVIEW GROUP – DR. PETER TUGWELL & MS. BEV SHEA	
FUNDING	<ul style="list-style-type: none"> ◆ Berlex Canada has contributed \$5,000.00 to the activities of the Cochrane Osteoporosis Subgroup of the CMSG.
RECRUITMENT & SCESSION	<ul style="list-style-type: none"> ◆ The Musculoskeletal Review Group actively recruits new reviewers: <ul style="list-style-type: none"> ◆ Lucie Brosseau is a physiotherapist working on reviews with the Musculoskeletal Group (CMSG). ◆ Doug Coyle is a Health Economist and an active member of the new Cochrane Health Economics Methods Working Group. As well as, a Reviewer with the CMSG. ◆ Ann Cranney is a reviewer with the CMSG ◆ Didier Dagenais is a reviewer with the CMSG. ◆ Jessie McGowan is a library scientist, actively working with the reviewers within the CMSG. ◆ Sonia Mirmiran is a reviewer for the CMSG. ◆ Jackie Page is a reviewer for the CMSG, as well as, working with the team on the Statistical and Quality of Reporting Methods Working Group. ◆ Joan Peterson is a reviewer with the CMSG. ◆ Beverley Shea is the review group coordinator for the Musculoskeletal Group, and is an elected member of the Steering Group. Beverley is also a member of the proposed Training and Support Methods Working Group and the proposed Non-Randomized Data Methods Working Group. ◆ Peter Tugwell is the coordinating editor for the Cochrane Musculoskeletal Review Group. Peter is also a member of the Economics Methods Working Group and the proposed Safety Methods Working Group. ◆ George Wells is an editor for the CMSG and is also a member of the Statistical Methods

	<p>Working Group and the proposed Non-Randomized Data Methods Working Group.</p> <ul style="list-style-type: none"> ◆ Vivian Welch is the trials search coordinator for the CMSG. Vivian is also a member of the Economics Methods Group and the proposed Safety Methods Working Group. ◆ Consumer Involvement: <ul style="list-style-type: none"> ◆ The CMSG group specifically has an international group of consumers dedicated to working with the group. These include Canadian representatives working in the areas of musculoskeletal disorders. There are currently nine consumers actively carrying out specific roles within the CMSG: Heather Broughton, Rebecca Coghlan, Jim Davies, Norma Davies, Pat Kelly, Cheryl Koehn, Betty McDermot, Sheila Murray, and Ann Qualman. The consumer roles include producing lay structured abstracts for all published reviews from the CMSG.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ 17 new Cochrane Reviews as of the 4th edition of the 1998 Cochrane Library. ◆ 8 new Protocols as of the 4th edition of the 1998 Cochrane Library.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ Consumer lay summaries [structured abstracts] of all CMSG review underway ◆ Handsearching Activities: We now have a Trials Search Co-ordinator (TSC) for Ottawa specifically assigned to this task. The purpose is to maintain a database of trials. Currently these include trials in the area of Musculoskeletal Disorders but we are also handsearching journals for trials in all areas and when these are found they are sent to the Baltimore Cochrane Center for submission to the main Cochrane Trials Database, currently, called CENTRAL.

**NEONATAL REVIEW GROUP –
DR. JACK SINCLAIR & MS. DIANE HAUGHTON**

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ The Canadian Cochrane Centre November 12th workshop was very well attended by neonatal reviewers.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ Disk Issue 4 (October 1998) of the Cochrane Library contains 59 reviews and 26 protocols. All reviews produced by the Neonatal Collaborative Review Group (NCRG) are also available on the National Institutes of Child Health & Human Development website: http://silk.nih.gov/silk/cochrane ◆ The web page for the NCRG is now complete: http://hriu.mcmaster.ca/cochrane/centres/canadian/neonatal ◆ NCRG newsletter is published twice annually. ◆ Currently we do not have any measures of evaluation and impact of neonatal reviews. This is an agenda item for a Neonatal Review Group editorial meeting scheduled in February.
FUNDING	<ul style="list-style-type: none"> ◆ The NCRG is funded by the National Institutes of Child Health & Human Development until February 2000.
RECRUITMENT & SUCCESSION	<ul style="list-style-type: none"> ◆ Recruitment is continuous. Unproductive reviewers are discharged and the registered title is reassigned. ◆ To advertise and solicit interest in the Cochrane Neonatal Review Group, a general mailing was sent to the members of the Section of Neonatal-Perinatal Medicine of the Canadian Pediatric Society. ◆ Responses continue to be received indicating an interest in becoming involved in the NCRG as well as expressing an interest in attending future training workshops. An article also appeared in The Vermont Oxford Network Newsletter (Fall 1998) giving details of the NCRG's activities and how to become involved.
COCHRANE RELATED RESEARCH ACTIVITIES	<ul style="list-style-type: none"> ◆ 59 Reviews ◆ 26 Protocols
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ J. Sinclair, D. Haughton and S. Costa attended the Cochrane Colloquium in Baltimore. ◆ J. Sinclair served as a resource person for the Reviewer Training Workshop on Nov. 12, 1998. D. Haughton attended the morning session of the workshop. ◆ D. Haughton attended the CCN/C Annual General Meeting.

**HEALTH PROMOTION FIELD –
DR. ALBA DICENSO & MS. SHEILA MCNAIR**

EDUCATION & TRAINING	<ul style="list-style-type: none"> ◆ The Cochrane Library was demonstrated to participants in an Evidence-Based Nursing Workshop at McMaster University, June 1998. ◆ The HPF staff facilitated training for the Effective Public Health Practice Project (EPHPP) being conducted by the Ontario Teaching Health Units, July 1998. Eighteen topics will be addressed by either new systematic reviews or updating of existing reviews in the area of public health practice.
DISSEMINATION & IMPACT	<ul style="list-style-type: none"> ◆ The Health Promotion Field made the following presentations to promote the Cochrane Collaboration and the Cochrane Health Promotion Field: <ul style="list-style-type: none"> ◆ Canadian Consortium for Health Promotion Research. Toronto, January 12, 1998 – attended by researchers and Health Canada representatives from across Canada. ◆ Centre for Health Promotion, Toronto, March 31, 1998 – Workshop on Effectiveness of health Promotion for Ontario Health Promotion Practitioners. ◆ Health Behaviour Research Task Force (Ontario Heart & Stroke Foundation), May 29, 1998. ◆ Ontario Ministry of Health – Health Promotion/Prevention Committee, June 12, 1998 – Presentation of Cochrane Collaboration and Cochrane Health Promotion Field, October 19, 1998 – Demonstration of the Cochrane Library. ◆ Ongoing collaboration with groups/projects: <ul style="list-style-type: none"> ◆ Community Based Intervention for Chronic Disease Prevention: Toward a System for Supporting Evidence-Based Practice – In collaboration with the Health Behaviour Research Unit at the University of Waterloo and in partnership with the Ontario Heart Health Resource Centre. ◆ Youth Tobacco Use Prevention Initiative: Translating Science into Practice Working Group – In collaboration with the Robert Wood Johnson Foundation and the Centre for the Advancement of Health in Washington DC. Teleconferences spring/summer leading up to a working meeting on October 16, 1998 in Washington. ◆ Centre for Health Promotion, Toronto – Irv Rootman has taken Cochrane materials to international conferences for presentations and distribution. ◆ Newsletters: <ul style="list-style-type: none"> ◆ Health Promotion Field Newsletters produced for spring and fall 1998 were disseminated via mail to over 200 members internationally and other interested groups and individuals. ◆ Major funding agencies (Ontario Heart & Stroke Foundation, Robert Wood Johnson, and NIH) have been encouraged to incorporate, as a priority, the inclusion of dissemination strategies in their activities.
FUNDING	<ul style="list-style-type: none"> ◆ The Cochrane Health Promotion Field currently has funding for one half-time administrative position through the Hamilton-Wentworth Public Health Department/Teaching Health Unit until June 1999. ◆ The Field has pursued contacts at Health Canada re: funding opportunities but without success to date. ◆ At the recent Colloquium in Baltimore, we discussed the merits of delegating task areas to field members in various locations. This would make the Field less reliant on a single source of funding and would enable members in different jurisdictions to seek funding from local agencies for various projects.
RECRUITMENT & SCESSION	<ul style="list-style-type: none"> ◆ Potential reviewers were located via dissemination activities, through filed membership and collaborative projects. EPHPP reviewers are potential Cochrane reviewers. ◆ Health Promotion Field members have been recruited via newsletters, presentations, e-mail and the Internet.
OTHER COCHRANE ACTIVITIES	<ul style="list-style-type: none"> ◆ An application has been made to the Cochrane Collaboration Steering Group to expand the scope of the health Promotion Field to include all age groups and public health. ◆ Alba DiCenso and Sheila McNair attended the Cochrane Colloquium in Baltimore. ◆ Dr. DiCenso attended the CCN/C Annual General Meeting and Sheila McNair was an observer at the Reviewer Training Workshop.

CANADIAN CONTRIBUTION TO THE COCHRANE LIBRARY - REVIEWS AND PROTOCOLS

ACUTE RESPIRATORY INFECTIONS

Reviews:

- ◆ Becker L, **Glazier R, McIsaac W**, Smucny, J. Antibiotics for acute bronchitis.
- ◆ Kellner JD, **Ohlsson A**, Gadomski AM, **Wang EEL**. Bronchodilator therapy in bronchiolitis.
- ◆ Randolph AG, **Wang EEL**. Ribavirin for respiratory syncytial virus lower respiratory tract infection.

Protocols:

- ◆ **Klassen TP, Johnson D, Kellner J, Moher D**. Glucocorticoids for the treatment of croup.
- ◆ Kozyrskyj AL, Hildes-Ripstein GE, Longstaffe SEA, Wincott JL, Sitar DS, **Klassen TP, Moffatt MEK**. Antibiotics for acute otitis media: short vs. 7-10 day course.
- ◆ Tan D, **Wang E, Ohlsson A**. Immunoglobulin for treatment of respiratory syncytial virus.

AIRWAYS

Reviews:

- ◆ Jones AP, **Rowe BH**. Bronchopulmonary hygiene physical therapy in chronic obstructive pulmonary disease and bronchiectasis.
- ◆ **Plotnick LH, Ducharme FM**. Efficacy and safety of combined inhaled anticholinergics and beta2-agonists in the initial management of acute pediatric asthma.
- ◆ **Rowe BH, Spooner CH, Ducharme FM, Bretzlaff JA, Bota GW**. The effectiveness of corticosteroids in the treatment of acute exacerbations of asthma: a meta-analysis of their effect on relapse following acute assessment.
- ◆ **Spooner CH, Saunders LD, Rowe BH**. Nedocromil sodium as single dose prophylactic treatment of exercise-induced bronchoconstriction.

Protocols:

- ◆ Camargo C, **Rowe B**, Jones A, **Travers A**, Hammarquist C. A comparison of continuous vs. intermittent beta-agonists in the treatment of acute asthma in the emergency.
- ◆ Cendon S, **Lacasse Y**, Castro AA, Jardim JR, Atallah AN, **Goldstein R**, Jones PW. Oral theophylline for the treatment of stable chronic obstructive pulmonary disease.
- ◆ **Ducharme, F**. Addition of anti-leukotriene agents to inhaled corticosteroids in the management of recurrent and/or chronic asthma.
- ◆ **Ferreira IM, Brooks D, Lacasse Y, Goldstein RS**. Nutritional support for individuals with COPD.
- ◆ Jones A, **Rowe B**, Hammarquist C, Peters J, Shelledy D, Camargo C. Inhaled bronchodilators for mechanically ventilated asthma patients.
- ◆ **Lacasse Y, Goldstein R, Wong E, Guyatt G, King D, Cook, D**. Respiratory rehabilitation in chronic obstructive pulmonary disease.
- ◆ **Parameswaran K, Belda J, Rowe B**. Bronchodilator effect of intravenous aminophylline in adult asthmatics with acute asthma.
- ◆ **Rowe B, Bretzlaff J, Bota G, Bourdon C**. Asthmatic exacerbations and magnesium sulphate.
- ◆ **Rowe B, Spooner C, Ducharme F**. Oral steroids in the initial management of acute asthmatic exacerbations: prevention of hospital admissions.
- ◆ **Rowe B, Bretzlaff J**. Prevention of exacerbations of asthma with early use of glucocorticoid therapy.
- ◆ **Travers AH, Rowe B**, Camargo C, Hammarquist, C. Meta-analysis of parenteral adrenergic beta2-agonists on patients treated for exacerbations of asthma in the emergency setting.

BACK (FOR SPINAL DISORDERS)

Reviews

- ◆ **Gross AR, Aker PD, Goldsmith CH, Peloso P.** Conservative management of mechanical neck disorders. Part four: patient education.
- ◆ **Gross AR, Aker PD, Goldsmith CH, Peloso P.** Conservative management of mechanical neck disorders. Part 2: physical medicine modalities.

Protocols:

- ◆ **Peloso P, Gross AR, Aker P, Goldsmith CH.** Conservative management of mechanical neck disorders. Part three: drug therapies.
- ◆ **Gross AR, Hondras MA, Aker PD, Peloso P, Goldsmith CH.** Conservative management of mechanical neck disorders. Part one: manual therapy.
- ◆ **Guzman J, Esmail R, Malmivaara A, Karjalainen K, Irvin E, Bombardier C.** Multidisciplinary team approaches for the treatment of chronic low back pain.
- ◆ **Tulder MW van, Esmail R, Bombardier C, Koes BW.** The effectiveness of back schools in the treatment of low back pain.
- ◆ **Tulder MW van, Malmivaara A, Esmail R, Koes BW.** The effectiveness of exercise therapy for low back pain.

DEPRESSION, ANXIETY AND NEUROSIS

Protocols:

- ◆ **Furukawa T, Streiner DL, Young LT.** Combined antidepressant-benzodiazepine treatment for major depression.

EFFECTIVE PROFESSIONAL PRACTICE

Reviews:

- ◆ **Haynes RB, McKibbin KA, Kanani R, Brouwers MC, Oliver T.** Interventions to assist patients to follow prescriptions for medications.
- ◆ **Thomson MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL.** Audit and feedback to improve health professional practice and health care outcomes (Part I).
- ◆ **Thomson MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL.** Audit and feedback to improve health professional practice and health care outcomes (Part II).
- ◆ **Thomson MA, Oxman AD, Haynes RB, Davis DA, Freemantle N, Harvey EL.** Local opinion leaders to improve health professional practice and health care outcomes.
- ◆ **Thomson MA, Oxman AD, Davis DA, Haynes RB, Freemantle N, Harvey EL, Harada T, Hughes E.** Outreach visits to improve health professional practice and health care outcomes.

Protocols:

- ◆ **Thomson MA, Freemantle N, Wolf F, Davis DA, Oxman AD.** Educational meetings, workshops and preceptorships to improve the practice of health professionals and health care outcomes.

INCONTINENCE

Protocols:

- ◆ **Moore KN.** Pelvic muscle exercises and/or biofeedback and/or electrical stimulation in the treatment of urinary incontinence after prostatectomy.

INFLAMMATORY BOWEL DISEASE

Reviews:

- ◆ **Pearson DC, May GR, Fick G, Sutherland LR.** Azathioprine for maintenance of remission of Crohn's disease.
- ◆ Sandborn W, **Sutherland L**, Pearson D, May G, Schoenfeld P, Modigliani R, Prantera C. 1997. Azathioprine or 6-mercaptopurine therapy for induction of remission in active Crohn's disease C.
- ◆ **Steinhart AH**, Ewe K, **Griffiths AM**, Modigliani R, Thomsen O. Corticosteroid therapy for maintenance of remission in Crohn's disease.
- ◆ Sandborn W, **McLeod R**, Jewell D. Medical therapy for induction and maintenance of remission in pouchitis: a systematic review.
- ◆ **Sutherland L, Roth D**, Beck P, **May G**, Makiyama K. Systematic review of the use of oral 5-aminosalicylic acid in the induction of remission in ulcerative colitis.
- ◆ **Sutherland L, Roth D**, Beck P, **May G**, Makiyama K. The use of oral 5-aminosalicylic acid for maintenance of remission in ulcerative colitis.

Protocols:

- ◆ **Feagan BG**, Modigliani R, Prantera C, **Steinhart HA**, **Thomson ABR**, Rask-Madsen J. Crohn's disease: 5 aminosalicylate therapy for maintenance of remission.
- ◆ **Fardy J**, Cortot AJA, **MacIntosh D**, **Fedorak R**. Crohn's disease: antibiotics for induction of remission.
- ◆ **Fardy JM**, Cortot AJA, **Fedorak R**, **MacIntosh D**. Crohn's disease: antibiotics for maintenance of remission.
- ◆ Modigliani R, **Steinhart AH**, Ewe K, Thomsen O, **Thomson A**. Crohn's disease: budesonide for induction of remission.
- ◆ **Steinhart AH**, **Simms L**, Ewe K, Modigliani R, Thomsen O, **Thomson ABR**, **Feagan BG**. Crohn's disease: budesonide for maintenance of remission.
- ◆ **McDonald JWD**, **Feagan BG**, Jewell D, Brynskov J, Stange EF. Crohn's disease: cyclosporine induction of remission.
- ◆ Brynskov J, **Feagan BG**, Jewell D, **McDonald JWD**, Stange EF. Crohn's disease: cyclosporine for maintenance of remission.
- ◆ **Griffiths AM**, Koretz RL, **Sutherland L**. Crohn's disease: enteral nutritional therapy for induction of remission.
- ◆ Thomsen OO, Ewe K, **Steinhart AH**, Robinson A, **Irvine EJ**. 1996 Ulcerative colitis: topical corticosteroid therapy for induction of remission in distal UC.
- ◆ **Steinhart AH**, Hawked CJ, Modigliani R. 1996. Ulcerative colitis: 6-mercaptopurine and Azathioprine for maintenance of remission.

MENSTRUAL DISORDERS AND SUBFERTILITY

Reviews:

- ◆ **Daya S**. Comparison of gonadotropin releasing hormone agonist (GnRHa) protocols for pituitary desensitization in in vitro fertilization (IVF) and gamete intrafallopian transfer (GIFT) cycles.
- ◆ **Daya S**. Comparison of human follicle-stimulating hormone and human menopausal gonadotropin for ovarian stimulation in in vitro fertilization cycles.
- ◆ **Hughes E**, **Collins J**, Vandekerckhove P. Bromocriptine versus placebo in women with unexplained infertility.
- ◆ **Hughes E**, **Collins J**, Vandekerckhove P. Clomiphene citrate vs. placebo for ovulation induction in oligo-amenorrhoeic women.
- ◆ **Hughes E**, **Collins J**, Vandekerckhove P. Clomiphene citrate vs. placebo or no treatment in unexplained subfertility.
- ◆ **Hughes E**, Tiffin G, Vandekerckhove P. Danazol vs. placebo in unexplained infertility.
- ◆ **Hughes E**, **Collins J**, Vandekerckhove P. Gonadotropin releasing hormone analogue as an adjunct to gonadotropin therapy for clomiphene-resistant PCOS.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E**. Kinin enhancing drugs for idiopathic male infertility.
- ◆ **Hughes E**, Fedorkow D, **Collins J**, Vandekerckhove P. Ovulation suppression vs. placebo in the treatment of endometriosis.
- ◆ **Hughes E**, **Collins J**, Vandekerckhove P. Ovulation induction with urinary follicle stimulating hormone vs human menopausal gonadotropin for clomiphene-resistant polycystic ovary syndrome.
- ◆ **Kotarba D**, **Kotarba J**, **Hughes E**. Growth hormone in in vitro fertilization.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E**. The medical treatment of idiopathic oligo/asthenospermia: androgens (mesterolone or testosterone) versus placebo or no treatment.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E**. The medical treatment of idiopathic oligo- and/or asthenospermia: anti-oestrogens (clomiphene or tamoxifen) versus placebo or no treatment.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E**. The medical treatment of idiopathic oligo/asthenospermia: bromocriptine versus placebo or no treatment .
- ◆ Vandekerckhove P, Watson A, Lilford R, Harada T, **Hughes E**. Therapeutic effect of oil-soluble and water-soluble media used for tubal patency testing (hysterosalpingography or laparoscopy) on pregnancy rates in infertility patients.

MUSCULOSKELETAL INJURIES

Reviews:

- ◆ Gillespie LD, Gillespie WJ, Cumming R, Lamb SE, **Rowe BH**. Interventions to reduce the incidence of falling in the elderly.
- ◆ Quinn K, Parker P, de Bie R, **Rowe B**, Handoll H. The prevention of ankle ligament injuries.

Protocols:

- ◆ Parker P, Armour K, Craig M, de Bie R, Guly H, Hill P, Quinn K, Ross J, **Rowe B**. The treatment of acute and chronic injury to the lateral ligament complex of the ankle.

MUSCULOSKELETAL

Reviews:

- ◆ Clark P, **Tugwell P, Bennet K, Bombardier C, Shea B, Wells G, Suarez-Almazor ME**. Rheumatoid arthritis (RA): injectable gold versus placebo in RA.
- ◆ Criswell LA, Saag KG, Sems KM, **Welch V, Shea B, Wells G, Suarez-Almazor ME**. Rheumatoid arthritis (RA): moderate-term low dose corticosteroids.
- ◆ Green S, Buchbinder R, **Glazier R, Forbes A**. Soft tissue: Systematic review of randomised controlled trials of interventions for shoulder pain.
- ◆ **Homik J, Suarez-Almazor ME, Shea B, Cranney A, Wells G, Tugwell P**. Osteoporosis (OP): Calcium (Ca) and vitamin D for the treatment of corticosteroid-induced osteoporosis.
- ◆ Ortiz Z, **Shea B, Suarez Almazor M, Moher D, Wells G, Tugwell P**. The efficacy of folic acid and folinic acid reducing methotrexate side effects in rheumatoid arthritis.
- ◆ **Pope J, Fenlon D**, Thompson A, **Shea B**, Furst D, **Wells G**, Silman A. Systemic sclerosis (SS): Cyclofenil versus placebo for the treatment of Raynaud's phenomenon (RP) in progressive SS.
- ◆ **Pope J, Fenlon D**, Thompson A, **Shea B**, Furst D, **Wells G**, Silman A. Systemic sclerosis (SS): Ketanserin versus placebo for the treatment of Raynaud's phenomenon (RP) in progressive SS.
- ◆ **Pope J, Fenlon D**, Thompson A, **Shea B**, Furst D, **Wells G**, Silman A. Systemic sclerosis (SS): Prazosin versus placebo for the treatment of Raynaud's phenomenon (RP) in progressive SS.
- ◆ **Pope J, Fenlon D**, Thompson A, **Shea B**, Furst D, **Wells G**, Silman A. Systemic sclerosis (SS): Iloprost and cisaprost versus placebo for the treatment of Raynaud's phenomenon (RP) in progressive SS.
- ◆ **Saenz A, Ausejo M, Shea B, Wells G, Welch V, Tugwell P**. Vasculitis: Pharmacological therapy for Behcet's syndrome.
- ◆ **Suarez-Almazor ME, Belseck E, Shea B, Wells G, Tugwell P**. Rheumatoid arthritis (RA): Sulfasalazine versus placebo in RA.
- ◆ **Suarez-Almazor ME, Belseck E, Shea B, Homik J, Wells G, Tugwell P**. Rheumatoid Arthritis (RA): Antimalarials versus placebo in RA.
- ◆ **Suarez-Almazor ME, Belseck E, Shea B, Wells G, Tugwell P**. Rheumatoid Arthritis (RA): Cyclophosphamide versus placebo in RA.
- ◆ **Suarez-Almazor ME, Belseck E, Shea B, Wells G, Tugwell P**. Rheumatoid Arthritis (RA): Methotrexate versus placebo in the treatment of RA.
- ◆ **Towheed T, Shea B, Wells G**, Hochberg M. Osteoarthritis: a systematic review of randomized controlled trials of analgesia and anti-inflammatory therapy in osteoarthritis (OA) of the hip.
- ◆ **Wells G, Haguenaer D, Shea B, Suarez-Almazor ME, Welch VA, Tugwell P**. Rheumatoid Arthritis (RA): A meta-analysis of cyclosporine in rheumatoid arthritis.

Protocols:

- ◆ Bonaiuti D, **Shea B**, Lovine R, Negrini S, **Wells G, Cranney A, Gillespie W, Hanley D, Tugwell P**. Exercise therapy in preventing bone loss in postmenopausal women.
- ◆ **Brosseau L**, deBie R, **Welch V**, Morin M, **Shea B, Wells G, Tugwell P**. Osteoarthritis (OA): Low level laser therapy (classes I, II and III) in the treatment of osteoarthritis.
- ◆ **Brosseau L**, deBie R, **Welch V**, Morin M, **Shea B, Wells G, Tugwell P**. Rheumatoid arthritis (RA): Low level laser therapy (classes I, II and III) in the treatment of RA.
- ◆ **A. Cranney, B. Shea, G. Wells, JY Reginster, R. Adachi, P. Tugwell**. Osteoporosis (OP): Calcitonin treatment of postmenopausal osteoporosis.
- ◆ **Cranney A, Welch V, Tugwell P, Wells G, Adachi JD, Guyatt G, Shea B**. Osteoporosis (OP): Alendronate for the treatment and prevention of postmenopausal osteoporosis.
- ◆ **Cranney A, Welch V, Tugwell P, Wells G, Adachi JD, Guyatt G, Shea B, McGowan J**. Osteoporosis (OP): Etidronate for the treatment and prevention of postmenopausal osteoporosis.
- ◆ **Haguenaer D, Mirmiran S, Welch V, Adachi JD, Shea B, Wells G, Tugwell P**. Osteoporosis (OP): Treatment of osteoporosis with fluoride therapy.
- ◆ Gonzalez-Lopez L, **Suarez-Almazor ME**, Gamez-Nava JI, **Ortiz Z**. Antimicrobial therapy for rheumatoid arthritis.

- ◆ **Homik J, Cranney A, Shea B, Adachi R, Tugwell P, Suarez -Almazor M.** The efficacy of various interventions for the prevention of steroid induced osteoporosis.
- ◆ **Gamez-Nava JI, Suarez Almazor ME, Gonzalez-Lopez L, Ortiz Z.** Use of erythropoietin for the anemia treatment of rheumatoid arthritis.
- ◆ **Papadimitropoulos E, Shea B, Wells G, Tugwell P, Cranney A, Gillespie W, Josse R, Coyte P, Greenwood.** Osteoporosis (OP): The effects of vitamin D with or without calcium on bone loss in postmenopausal women.
- ◆ **Shea B, Tugwell P, Wells, G, Cranney A, Adachi R, Treleavin D, Henry D, Moher D, Peterson J.** The effects of calcium treatment on bone loss in postmenopausal women.
- ◆ **Tugwell P, Wells G, Shea B, Peterson J, Cranney A, Henry D, O'Connell D, Robertson J, Gillespie B.** Osteoporosis: Hormone replacement therapy for OP.

NEONATAL

Reviews:

- ◆ **Howlett A, Ohlsson A.** Inositol in preterm infants with RDS.
- ◆ **Ohlsson A, Lacy JB.** Intravenous immunoglobulin (IVIG) in suspected or subsequently proved neonatal infection.
- ◆ **Ohlsson A, Lacy JB.** Prophylactic intravenous immunoglobulin (IVIG) in preterm and/or low-birth-weight neonates.
- ◆ **Phelps DL, Lakatos L, Watts JL.** D-Penicillamine to prevent retinopathy of prematurity.
- ◆ **Pinelli J, Symington A.** Non-nutritive sucking in premature infants.
- ◆ **Sinclair JC.** Servo-control of abdominal skin temperature at 36C in low birth weight infants.
- ◆ **Stevens B, Ohlsson A.** Sucrose in neonates undergoing painful procedures.
- ◆ **Taddio A, Ohlsson A.** Lidocaine-prilocaine cream (EMLA) to reduce pain in male neonates undergoing circumcision.
- ◆ **Vickers A, Ohlsson A, Lacy JB, Horsley A.** Massage therapy for preterm and/or low birth-weight infants.

Protocols:

- ◆ **Cairns PA, Wilson DC.** Carnitine supplementation of parenterally fed neonates.
- ◆ **da Silva O, Ohlsson A.** Bronchodilators in infants with bronchopulmonary dysplasia.
- ◆ **Whyte RK, Bifano EM.** Allogeneic erythrocyte transfusion of the critically ill newborn infant.
- ◆ **Whyte RK, Bifano EM.** Source, storage and handling of erythrocytes for transfusion to infants.

ORAL HEALTH

Protocols:

- ◆ **Matthews D.** Guided tissue regeneration in periodontal treatment.

COCHRANE PAIN, PALLIATIVE AND SUPPORTIVE CARE GROUP

Reviews:

- ◆ **Wiffen P, McQuay H, Carroll D, Jadad A, Moore A.** Anticonvulsant drugs for the management of acute and chronic pain.

PERIPHERAL VASCULAR DISEASES

Protocols:

- ◆ **Saenz A, Ausejo M, Hood S, Barber G, Pham B, Moher D.** Anti-platelet agents for intermittent claudication: Aspirin, dipyridamole, indobufen, picotamide, suloctidil, sulphinpyrazone and ticlopidine.

PREGNANCY AND CHILDBIRTH

Reviews:

- ◆ Brocklehurst P, **Hannah M**, McDonald H. The management of bacterial vaginosis in pregnancy.
- ◆ **Enkin MW**, Wilkinson C. Uterine exteriorization vs. intraperitoneal repair at Caesarean section.
- ◆ **Enkin MW**, Wilkinson C. Absorbable staples for uterine incision at Caesarean section.
- ◆ **Enkin MW**, Wilkinson C. Single versus two layer closure of uterine incision at Caesarean section.
- ◆ **Enkin MW**, Wilkinson C. Lateral tilt during Caesarean section.
- ◆ **Enkin MW**, Wilkinson C. Manual removal of placenta at Caesarean section.
- ◆ **Fraser WD**, **Krauss I**, **Brisson-Carrol G**, Thornton J, Breart G. Amniotomy to shorten spontaneous labour.
- ◆ **Hodnett ED**. Support from caregivers during at-risk pregnancy.
- ◆ **Hodnett ED**. Support from caregivers during childbirth.
- ◆ **Hodnett ED**. Continuity of caregivers during pregnancy and childbirth.
- ◆ **Hodnett ED**, **Roberts I**. Home-based social support for socially disadvantaged mothers.
- ◆ **Hodnett ED**. Home-like versus conventional birth settings.
- ◆ Hofmeyr GJ, **Hannah ME**. Planned Caesarean section for term breech delivery.
- ◆ **Kramer MS**. Regular aerobic exercise during pregnancy.
- ◆ **Kramer MS**. Balanced protein/energy supplementation in pregnancy.
- ◆ **Kramer MS**. Energy/protein restriction in pregnant women with high weight-for-height or weight gain.
- ◆ **Kramer MS**. High protein supplementation in pregnancy.
- ◆ **Kramer MS**. Isocaloric balanced protein supplementation in pregnancy.
- ◆ **Kramer MS**. Maternal antigen avoidance during lactation for infants with atopic eczema.
- ◆ **Kramer MS**. Maternal antigen avoidance during lactation in women at high risk for atopic offspring.
- ◆ **Kramer MS**. Maternal antigen avoidance in pregnancy in women at high risk for atopic offspring.
- ◆ **Kramer MS**. Nutritional advice in pregnancy.
- ◆ **Lauzon L**, **Hodnett E**. Antenatal education for self-diagnosis of the onset of active labour in term pregnancy.
- ◆ **Lauzon L**, **Hodnett E**. Caregivers' use of strict criteria for the diagnosis of active labour in term pregnancy.
- ◆ **Ray KL**, **Hodnett ED**. Caregiver support for postpartum depression.
- ◆ **Smaill F**. Intrapartum antibiotics for Group B streptococcal colonisation.
- ◆ **Smaill F**. Antibiotic vs. no treatment for asymptomatic bacteriuria in pregnancy.
- ◆ **Tan BP**, **Hannah ME**. Oxytocin for prelabour rupture of membranes at or near term.
- ◆ **Tan BP**, **Hannah ME**. Prostaglandins for prelabour rupture of membranes at or near term.
- ◆ **Tan BP**, **Hannah ME**. Prostaglandins versus oxytocin for prelabour rupture of membranes at or near term.
- ◆ **Tan BP**, **Hannah ME**. Prostaglandins vs oxytocin for prelabour rupture of membranes at term.
- ◆ Wilkinson CS, **Enkin MW**. Peritoneal non-closure at Caesarean section.

Protocols:

- ◆ French LM, **Smaill FM**. Comparison of different antibiotic regimens for postpartum endometritis.
- ◆ **Hopkins L**, **Smaill FM**. Choice of antibiotic prophylaxis for women undergoing Caesarean section.
- ◆ **Smaill F**, Hofmeyr GJ. Antibiotic prophylaxis versus no antibiotics for women undergoing Caesarean section.

SCHIZOPHRENIA

Reviews:

- ◆ Mari JJ, **Streiner D**. Family intervention for schizophrenia.
- ◆ Thornley B, Adams CE, **Awad G**. Chlorpromazine versus placebo for those with schizophrenia.

STROKE

Protocols:

- ◆ **Cina CS**, Clase CM, **Haynes RB**. Carotid endarterectomy in patients with symptomatic carotid stenosis.

SUBFERTILITY

Reviews:

- ◆ **Hughes E, Collins J, Vandekerckhove P.** 1996. Gonadotropin releasing hormone analogue as an adjunct to gonadotropin therapy for clomiphene-resistant PCOS.
- ◆ Cina CS, Clase CM, Haynes RB. Carotid endarterectomy in patients with symptomatic carotid stenosis.
- ◆ **Hughes E, Collins J, Vandekerckhove P.** 1996. Clomiphene citrate vs. placebo for ovulation induction in oligo-amenorrhoeic women.
- ◆ **Hughes E, Collins J, Vandekerckhove P.** 1996. Clomiphene citrate vs. placebo or no treatment in unexplained subfertility.
- ◆ **Hughes E, Collins J, Vandekerckhove P.** 1996. Ovulation induction with urinary follicle stimulating hormone vs. human menopausal gonadotropin for clomiphene-resistant polycystic ovary syndrome.
- ◆ **Hughes E, Fedorkow D, Collins J, Vandekerckhove P.** 1996. Ovulation suppression vs. placebo in the treatment of endometriosis.
- ◆ **Hughes E, Tiffin G, Vandekerckhove P.** 1996. Danazol vs. placebo in unexplained infertility.
- ◆ Vandekerckhove P, Lilford R, Vail A, Hughes E. 1996. The medical treatment of idiopathic oligo/asthenospermia: androgens (mesterolone or testosterone) versus placebo or no treatment .
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E.** 1996. Kinin enhancing drugs for idiopathic male infertility.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E.** 1996. The medical treatment of idiopathic oligo- and/or asthenospermia: anti-oestrogens (clomiphene or tamoxifen) versus placebo or no treatment.
- ◆ Vandekerckhove P, Lilford R, Vail A, **Hughes E.** 1996. The medical treatment of idiopathic oligo/asthenospermia: bromocriptine versus placebo or no treatment .
- ◆ Vandekerckhove P, Watson A, Lilford R, Harada T, **Hughes E.** 1996. Therapeutic effect of oil-soluble and water-soluble media used for tubal patency testing (hysterosalpingography or laparoscopy) on pregnancy rates in infertility patients.
- ◆ **Daya S.** 1995. Comparison of human follicle-stimulating hormone and human menopausal gonadotropin for ovarian stimulation in vitro fertilization cycles.
- ◆ **Kotarba D, Kotarba J, Hughes E.** 1995. Growth hormone in in vitro fertilization.
- ◆ **Hughes E, Collins J, Vandekerckhove P.** 1994. Bromocriptine compared with placebo in women with unexplained infertility.

Note: Names in bold are registered Canadian Cochrane Reviewers.

CANADIAN CONTRIBUTION TO THE DATABASE OF ABSTRACTS OF REVIEWS OF EFFECTIVENESS (DARE)

Abstracts of Quality Assessed Reviews

1997

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CANADIAN CONTRIBUTION TO THE COCHRANE REVIEW METHODOLOGY DATABASE

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